

## \$21M for engineering

Provincial government helps fund expansion.

2

## Aiming high at Amiskwaciy

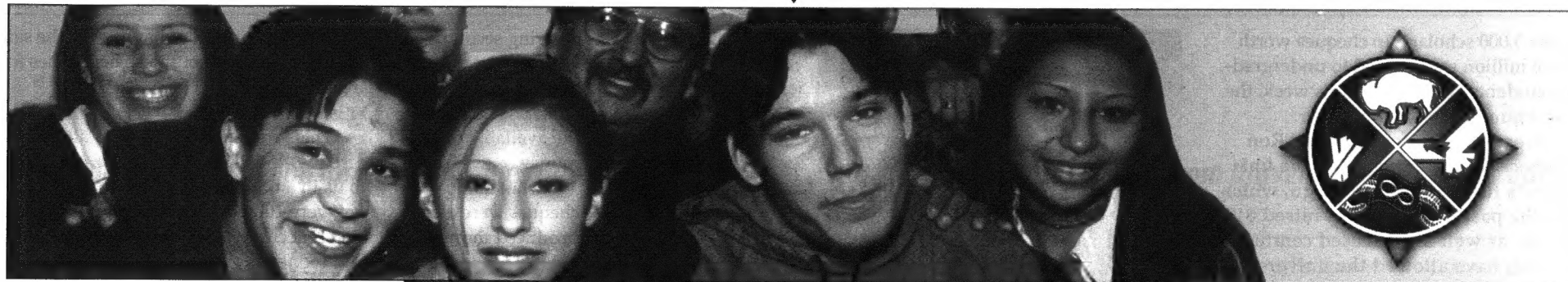
Edmonton school based on aboriginal values hopes to reverse a disturbing trend with a little help from University of Alberta students.

3

## That's a wrap

Four days of reunion and campus activities come to a close.

8



UNIVERSITY OF ALBERTA

# folio

Volume 38 Number 2

SEPTEMBER 22, 2000

<http://www.ualberta.ca/folio>

## U of A celebrates end of campaign in style

*\$193 million raised, surpassing goal by almost \$50 million*

By Geoff McMaster

The university marked the end of its first major fundraising campaign Sept. 17 with news it raised a total of \$193 million over five years, surpassing its goal by almost \$50 million.

That makes the U of A's campaign by a post-secondary institution the third most successful in the country. McGill University came up with \$210 million over five years and the University of Toronto has so far raised about \$450 million.

Campaign Co-Chair Brian MacNeill thanked the more than 23,000 donors who contributed to the campaign's success. "That's a tremendous amount of campaigning and a tremendous response, indicative of the feeling people have for the university," he said. Alumni President Bruce Bentley announced alumni alone had managed to raise \$50 million.

More than 1,000 alumni and friends of the university celebrated the campaign wrap-up in grand style at a garden party in the Quad last weekend, complete with street performers, a jazz band and face painting for the kids. The garden party capped four days of Reunion 2000 festivities, including the public lecture series Saturday Sampler, the Alumni Wall of Recognition induction ceremonies, and numerous social events that drew about 2,000 people to campus.

"They could not have done anything else to make this a better day," said university friend Marianne Elder at the garden party. "It's unbelievable the lengths they've gone to. I feel honoured to be here."



Wrapping up the campaign with fun: Blair (left) and Hannah Slater, with mom Cathy show off their painted faces, as the juggler takes a break.

Alumnus Eli Miano, a 1965 graduate of civil engineering, came all the way from Kenya for Reunion Weekend. He was impressed with how much the university had raised. "It's a lot of money by any stretch of the imagination," he said.

President Rod Fraser also thanked the donors for helping the U of A raise its profile around the world. He mentioned recent triumphs such as a revolutionary treatment for

hepatitis B, the successful transplantation of islet cells to potentially cure Type 1 diabetes, and the "internationally acclaimed performance of our musicians."

"When we started this campaign, we asked you to join us in a vision ...and in so doing to help build a better world. You have helped us achieve that, and the world has certainly taken notice of the University of Alberta in the last three years."

Lt.-Gov. Lois Hole was also on hand for the celebrations, emphasizing how important it has become "for the university to receive financial contributions from those who are able to make such a commitment. This type of funding ensures the University of Alberta remains universally accessible."

Hole pointed out two specific examples in which campaign-funded research has helped to improve peoples' lives. She described how the Institute for Stuttering Treatment and Research helped a young woman learn to manage a debilitating stutter to the point where it is now virtually undetectable. And she made reference to a new \$10,000 nursing bursary provided by nursing pioneer Alyce Rowsell Schroeder, who helped establish the world's first post-operative intensive care unit for cardiac patients.

Acting Vice-President (External) Susan Green said the goal of \$144.5 million was considered ambitious at first, but donors quickly found they were "able to identify with the university, and realized how they could personally become involved in a way that was meaningful to them."

She attributed much of the campaign's success to the direction provided by MacNeill, Bentley and Campaign Co-chairs Catherine Roozen and Don Mazankowski. MacNeill also thanked former Associate Vice-President (External Affairs) Terry Flannigan and former Director of Development Guy Mallabone for getting the campaign off the ground. ■

## Where the world meets

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# Scholarship cheques total \$4.6M—and get out fast

**Numerous other awards are pouring in; total could reach \$5.5M**

By Geoff McMaster

Some 3,000 scholarship cheques worth \$4.6 million were issued to undergraduate students at the U of A this week, the largest number and amount ever.

Director of Student Awards Ron Chilibeck said the success of the university's fundraising campaign, which over the past five years has raised \$193 million, as well as increased central funding, have allowed the university to increase scholarships steadily over the past 10 years.

"There's growing recognition out there that the costs of getting an education are getting larger and larger and groups are starting to take action," said Chilibeck. "It's still not enough, but it's a beginning."

For the 1998-99 academic year, a total of \$4.1 million was awarded to undergraduates. And while \$4.6 million already tops that, said Chilibeck, "we're not nearly finished yet." A number of other awards is still to come for leadership, athletic and faculty scholarships. The total for the year could reach \$5.5 million, he said.

Chilibeck said endowments donated to the university a number of years ago are now coming to fruition. The Canada Millennium Scholarship program and new



One of 3,000 happy students: Second-year science student, Natalia Rydz

Alberta Heritage Jason Lang Scholarship (which will be awarded to every student

entering second year with at least a 7.5 grade point average) have also added to the available pool of money.

Scholarship cheques were also produced more quickly than ever before after Student Awards office hired an outside accounting firm, Payment Systems Corporation, to do the processing. "Last year there was a lot of difficulty getting funds to students as a result of the new computer system and so on," said Chilibeck. For many awards last year, such as those selected early in September, cheques were not issued until late October or early November, simply be-

cause of the burden of paperwork, he said. The delay caused countless headaches for students with bills to pay.

This year the cheques were all processed within 24 hours. "They were brought to us in a bundle and from what we can tell were 100 per cent correct. The information is accurate, the students are delighted, and money is getting into their hands well in advance of deadline dates for tuition and so on."

"It's kind of neat to be able to hand a cheque to a student who's just arrived on campus and say, 'Congratulations, here's your money!'"

For Natalia Rydz it was indeed a happy day when she was handed her scholarship cheque for second-year science students with no wait, and no hassle. "It's pretty good—I haven't had any problems at all," she said. She added students could obviously benefit from more funding, but she appreciates what is available.

Chilibeck urged anyone expecting a scholarship cheque to pick it up any time at the Student Awards Office in the administration building. ■

## folio

Volume 38 Number 2

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Folio's mandate is to serve as a credible news source for the University community by communicating accurate and timely information about issues, programs, people and events and by serving as a forum for discussion and debate. Folio is published 21 times per year.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in Folio do not necessarily reflect University policy. Folio contents may be printed with acknowledgement.

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The University of Alberta maintains a database of all alumni. This database is used to send you news about the U of A, including Folio and New Trail, invitations to special events and requests for support. On Sept. 1, 1999, post-secondary institutions were required to comply with the Freedom of Information and Protection of Privacy legislation of the province of Alberta. In accordance with this legislation, please respond to one of the following options:

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No response means the University of Alberta assumes an individual wishes to remain on the mailing list.

## Aboriginal students reap corporate sponsorship

**U of A students, alumnus benefit from national awards**

By Ryan Smith

Just a little more than a week into his University career, Cole Nychka is already skipping labs and classes. But the engineering student from Beaverlodge Regional High School in northern Alberta had good reason Sept. 11. Nychka was absent from school because he was at the Provincial Museum of Alberta receiving official word he is one of only eight aboriginal post-secondary scholars in Canada to be awarded \$3,000 a year (up to four years) from the Xerox Canada Aboriginal Scholarship Program.

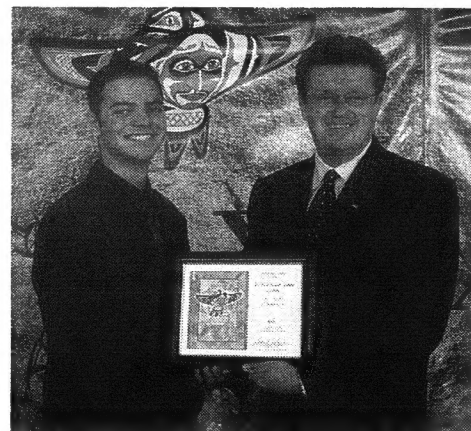
The scholarships are given to aboriginal students who combine leadership in the community with high academic standing, and who are heading toward IT (information and technology) careers. Nychka was one of three winners, including Darin Hopegood and Marc Lapointe, who are studying at, or have already received a degree from, the University of Alberta.

"I graduated from the University of Alberta with a BA. and a B.Comm.," said Cameron Hyde, president of Xerox

Canada. "And I'm a proud Albertan today because three of our eight scholarship winners are from this province—but they keep me out of the selection process, so I can't take any credit for it."

Hyde said Xerox offers the scholarships to aboriginals who are interested in IT because "aboriginals face enormous challenges in our society and our goal in supporting aboriginal men and women is to create a talented pool of students who will share in the prosperity of the information age."

Nychka won his scholarship due his involvement in his high school's students' union, the students against drunk driving program and many other extracurricular activities, including sports. Noticeably younger than the other recipients, Nychka said he felt especially honoured to win the scholarship, and he said he doesn't worry about living up to the expectations that winning the scholarship puts on him. He says he'll continue to take a leadership role in university as he did in high school. "I



U of A's Cole Nychka and Xerox's Cameron Hyde

like to get out in the community and work. It's a lot more fun than sitting at home."

Nychka has plans for after graduation that include returning to Beaverlodge, if not to work, then at least to visit. "It will always be home for me," he said. "I don't live on a reservation there, but I'm proud of my Métis card, and I plan to give back to the community." ■

## \$21M funding secures engineering expansion

By Ryan Smith

A host of provincial government officials came to campus Sept. 7 bearing good news for the University of Alberta's Faculty of Engineering—\$21 million for the completion of the Electrical and Computer Engineering Engineering Research Facility (ECERF). That's the facility currently being built directly south of the Mechanical Engineering Building. The money is in addition to \$26 million already put toward the project by the Alberta government.

"This incredible announcement allows us to put in place the final funding component we needed to finish our state-of-the-art facility," said Dr. David Lynch, dean of engineering. "Compared to other universities, when our facility is done, it will be unsurpassed by any of its kind."

Lynch went on to underline the importance of his faculty's expansion. "It's

crucial for our long-term development. Our electrical and computer engineering departments have been constrained by space, and our facilities were aging, so this, along with the Engineering Teaching and Learning Centre (ETLC) which we're also building, positions us to be a leading teaching and research institution in the 21st century."

Learning Minister Lyle Oberg said, "This expansion project will go a long way in helping address the accessibility issues in the fields of ICT [information and communications technology] and engineering, which continue to be in high demand." Oberg credited Alberta's strong economy for the one-time grant.

The Alberta government's total funding for the Faculty of Engineering's expansion reaches approximately \$47 million. The

ECERF and ETLC complex is projected to cost \$73 million, with funding support from the federal government and donations from private corporations and individuals.

Lynch was particularly excited about ECERF's 600-sq.m "clean room," which will be "almost totally free of contaminants—about 1,000 times cleaner than a hospital operation room. You need this because when you're dealing with nano structures or microchips a single particle of dust can seem like a boulder." Lynch said the clean room and other ECERF facilities will provide the technology to carry out research in micro and nano structures, as well as optical/photonic communication systems and biochips, among others.

"And all our research will be linked to industry, so it will have practical applications. It's going to be great." ■



# Aiming high at Amiskwaciy

*Edmonton school based on aboriginal values hopes to reverse a disturbing trend with a little help from University of Alberta students*

By Geoff McMaster

As Edmonton's new aboriginal high school, Amiskwaciy Academy, hits its stride this year, many will be watching closely to see if it can make a difference in the lives of young city natives. It's the first urban high school in the country to incorporate traditional native values as part of its core philosophy, with a view to helping more aboriginal students graduate.

Until now, the statistics have been dim. While about 75 per cent of aboriginal students make the transition from junior high to high school, the vast majority do not graduate. Amiskwaciy's principal, Dr. Phyllis Cardinal, says her research indicates about 92 per cent of the aboriginal population in Alberta fail to leave the public school system with a high school diploma.

"Historically, aboriginal education has not worked, and I think it's proven by the statistics out there," says Cardinal. Studies have shown young native people learn better when their own heritage and spiritual values are reflected in the curriculum, she says. At Amiskwaciy, students can take courses such as Cree, aboriginal studies and traditional dance. The core subjects—such as social studies, English and science—all include indigenous components, and community elders will be on hand to provide direction.

The students are also expected to play a committed role in making this bold experiment work. All have agreed in writing to achieve at least 80 per cent in their studies. The agreement, as well as the 12 "non-negotiable" rules in the school's code of ethics, are borrowed from the Frederick Douglass Academy in New York, a rigorous and highly successful high school for African-Americans with a graduation percentile in the upper 90s.

Lewis Cardinal, co-ordinator of Native Student Services, says the Frederick Douglass model is a great place to begin, but he cautions there are important differences in cultural context.

"Poor aboriginal people are not poor African-American people. There are similarities in terms of socio-economic situations, but there are a lot of differences too.

"[Amiskwaciy] will need the flexibility to grow, and most traditional aboriginal organizations have that flexibility. They start out with given principles but things might change tomorrow, so it can't be firm and rigid. It's a new program, a young program, and it's going to take a few years to work out the bugs."

As it works out those bugs, Amiskwaciy hopes to form partnerships with the community, and the U of A's Native Student Services is one of the first organizations to reach out with a mentoring program. Cardinal says tutors are now being recruited, and he hopes to have them working by Christmas.

"We want to work closely with Amiskwaciy because we recognize the students coming through their program will hopefully come to university," says Cathy Sewell, a master's student at the U of A specializing in the teaching of indigenous music in post-secondary institutions. She says many aboriginal students on campus are eager to help the younger students succeed.

"By showing there are aboriginal students pursuing doing post-secondary degrees, and who are doing well and want to give back to the community...might moti-



At Amiskwaciy, students can take courses such as Cree, aboriginal studies and traditional dance. The core subjects—such as social studies, English and science—all include indigenous components, and community elders will be on hand to provide direction.

vate these students to keep that circle going," says Sewell.

"We know the value of education and the challenges students face...I didn't

complete high school because I loved school, I'll tell you that. I think there could have been a place in school [to acknowledge native contributions to society]. For example, when you're talking about science why not recognize there's such a thing as native science? I was never taught 85 per cent of pharmaceuticals on the market today have their origins in indigenous medical practices. But how wonderful that would be for a native student's self-esteem."

Not everyone shares the view that creating a school specifically for native students is the best way to bolster that self-esteem, however. Dale Ripley, superintendent of the Catholic school board, says a recent survey of 200 parents, students and educators revealed most prefer an integrated setting, at least in high school. The Catholic board has therefore decided to improve services for natives in existing schools where they are most needed.

"Like most kids [native students] want to go to neighbourhood schools with other kids in the neighborhood," he says. "While some were in favour of a segregated ap-

proach, there was no strong consensus on this at all." He added there are also "huge transportation issues" with a separate school for natives, as with the Catholic system's own kindergarten-to-Grade 9 Ben Calf Robe School. "A school like that is not affiliated with its neighborhood; it's not part of a community."

However Dr. Cardinal stresses her school is not a "segregated" school and part of Amiskwaciy's philosophy is community involvement.

"If you want to talk about segregation, that was done in residential schools. Everything was taken away from native people—the language, culture and history.

"Amiskwaciy is a school of choice. Whatever is offered here from an aboriginal perspective is something to be shared with the broader community. What we have contributed to this country and this province is significant, and that should be shared with Canadians." Students from

"Whatever is offered here

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— Amiskwaciy principal,  
Dr. Phyllis Cardinal



Amiskwaciy Academy's code of rights and responsibilities is drawn from the general beliefs of aboriginal communities (from the school's information and registration guide):

- It is important to maintain a balance of body, mind and spirit.
- There are connections among all people and things.
- Maintaining healthy and positive relations with one another is more important than specific agreements; restoring harmony is essential.
- Restitution is more important than punishment.
- The rights of the group—the community—are at least as important as the rights of the individual.
- Any system of justice must allow people to express their feelings in an atmosphere of respect, trust, politeness, co-operation and dignity.
- There is a spiritual element in resolving disputes.

## » quick » facts

any ethnic background are free to attend the academy, she says.

Dr. Stan Wilson, an education professor in policy studies, who helps run the graduate program in native education, argues that while the time has come for a school like Amiskwaciy, it may not be the answer for all.

"I don't think it would be wise to make it mandatory for all to attend there. But it's a necessary service Edmonton Public Schools needs to provide, for those who need it. Having options like that is a progressive step."

If the feeling around the school in its second week is any indication of things to come, success is surely in the cards for Amiskwaciy. Enrolment has almost reached the cap at close to 300, the staff (roughly half aboriginal and half non-aboriginal) are optimistic and the students themselves are bursting with enthusiasm.

"They just about knocked me over on the first day—their intrinsic motivation is unbelievable," said native dance and Cree instructor, Jerry Saddleback. He says he was particularly struck by the students' hunger to learn Cree.

"They want to reach the elders. They want to siphon that information from them. They're crying for it, it's incredible." He says young people are tired of interpreters mediating traditional knowledge, suspecting much may be getting lost in translation.

"I came here with the impression it was going to be a straight uphill battle all the way. Now I feel a sigh of relief, like half the battle is won already."

The huge struggle Amiskwaciy faces, however, is far from over. As everyone knows who has had a hand in getting the school off the ground, co-operation on a number of fronts will be essential.

"So much depends on the administrators running the school," says Wilson, "and the support they get from the proponents of it." ■



# message from the president

## Never underestimate the value of a good lunch

By Dr. Rod Fraser

When travelling, the value of a good lunch cannot be ignored. You need to be nourished and refreshed, prepared for the busy afternoon to come. But when you get up from the table feeling creatively stimulated and filled with excitement, you know you have had a good lunch.

That's exactly what happened last spring in Toronto when I joined former editor-in-chief of the *Globe and Mail*, William Thorsell for lunch. I wanted to seek his advice about raising the profile of the University of Alberta nationally and internationally.

As a University of Alberta alumnus, Thorsell was keen to answer my questions, and pulled no punches with his response.

"Rod," he said, "you've got to quit your cheerleading and tell people about the exciting *new* initiatives that are coming down the pipe. You need to provide information in edible bites; it has to be exciting, and interesting enough that people will want to come back for more."

"You have to give them an incentive to tie in to the University of Alberta every day," said Thorsell. He suggested an Internet news channel would make our students, faculty, alumni, friends and potential friends excited about being associated with the university.

From that lunch, the idea for the University of Alberta's ExpressNews was born. A team of creative minds on campus added

fuel to the excitement, creativity and power of this new medium. Now, every weekday, two new stories are posted on the front page of our Web site, profiling the great ideas and great minds that work and study at the University of Alberta. And, according to [www.websmostlinked.com](http://www.websmostlinked.com), our page is now the most visited Canadian university page—ranked at No. 117 overall on the Web.

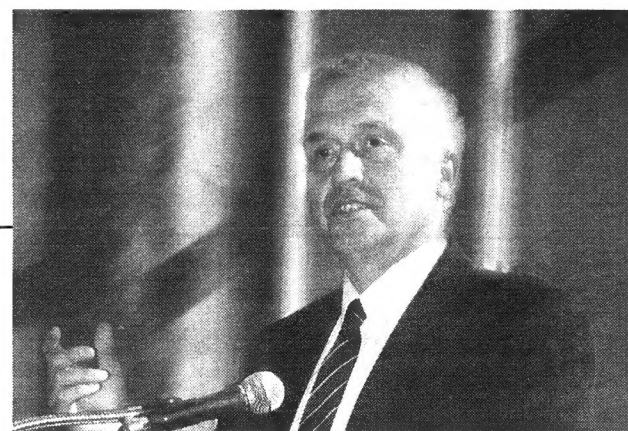
Our Web site is an outstanding medium to connect people across campus and around the world. An e-mail said: "I am currently in Australia visiting my parents and keep up with the U of A for business and pleasure through the site. It is excellent." Another said: "It allows people to conveniently stay in touch with what's

happening at the institution as well as letting prospective students get a better feel for what this university is like."

As always, a great idea is improved by the input of many minds. I urge you to log on and give us your feedback. How do we spread the word about this site? Do you have ideas for stories? Do you have ideas to boost the excitement of the page and make it more readable?

I wish to applaud the large number of individuals who have made ExpressNews a reality. Congratulations on a job well done. ■

View ExpressNews at: [www.ualberta.ca](http://www.ualberta.ca)



President Rod Fraser

## Board briefs

### Highlights from the Board of Governors meeting Sept. 15

By Lucianna Ciccocioppo

#### NEW ON BOARD

Board chair Eric Newell welcomed Senate representative Dr. Sandy Murray, a physician with a family practice in Red Deer, and public member Craighton Twa, president and CEO of Atco and Canadian Utilities Ltd., to their first University of Alberta board meeting.

#### MEDICAL FACULTY IN DIRE NEED OF A NEW BUILDING

There's lots of good research news coming out of the Faculty of Medicine and Dentistry lately, but the future doesn't look so bright if it doesn't get a new building to house researchers and their laboratories. That's what the dean, Dr. Lorne Tyrrell, told the board in his presentation Sept. 15.

"We're losing out on CIHR (Canadian Institutes of Health Research) and on chairs because we need the space. We need to show that we're serious about housing new faculty members," said Tyrrell. "Alberta is going to lose out to UBC, Toronto and McGill if we don't get into proteomic (life sciences) research." Tyrrell likened proteomics as the next major initiative in the world, predicting an impact on life sciences research similar to what the dawn of the "information highway" had on global economics.

The dean said he was confident a new building would help increase medicine's external research funding to the university to \$150 million a year, up from about \$90 million currently. Dr. Roger Smith, vice-president (research) said that was a conservative estimate. "The returns of a \$100-million building are ample, but we're not going to get it if there's no infrastructure."

#### BOARD ASKS: WHERE'S THE SOUTH CAMPUS PLAN?

As the board approved two expenditures for the Edmonton Research Station—\$1.5 million for the enclosed composting facility, and \$5.5 for the development of the new swine research facility—public board member Fred Barth questioned the approvals when a plan for the South Campus has yet to be shown to the board.

"Why haven't we seen the plan? We say this [expenditure] fits into it, but we

haven't seen a plan," said Barth. Shannon McEwen, Graduate Students' Association president, opposed the motion. "A dentistry/pharmacy building has been on the priority list for about 10 years, and yet this was on the list for only one year and gets approved. This amount represents 1.6 per cent of our tuition increase. I'm opposed to it."

Vice-President (Finance and Administration) Glenn Harris told the board the north end of the Edmonton Research Station maintains the academic and research activities, while the south end is for athletic and training facilities.

Still, board chair Eric Newell reiterated the frustrations of other members. "We want to see that plan—and soon. We want the administration to take this seriously," he said. "It's still more helpful to us to have a conceptual plan, so we're not doing something today that we'll regret five years down the road."

Vice-President (Academic) and Provost Doug Owram told the board he'll have some broad, conceptual plans by the next meeting.

#### OUTLINING U OF A'S LONG-TERM PLAN

What will the U of A look like in about five years? That's what an academic planning committee is asking, said Dr. Doug Owram, vice-president (academic) and provost. The committee is looking at the shape and size of this institution. "What should our overall size be? What mix should we have between undergraduate and graduate populations? How do we balance first- and second-year populations with the upper years? And what implications do these have for faculty levels?" said Owram.

Administration needs to look more closely at the university-bound students coming up through the high schools, which is not moving as quickly as those streamed for technical institutes and colleges, Owram told the board. "Alberta produces a lower number of university degrees per capita than the national average. We also produce a higher number of technical and college diplomas," he said. This translates to serious problems for industry people down the road, Owram

explained, since Alberta will have to import employees from other provinces.

These issues feed back into the task force looking into U of A's future. "We're asking two questions: Do we see continued growth as a desirable end for U of A? And if we grow, do we grow at a graduate level or across the board?"

#### ACADEMIC PENSION PLAN'S WITHDRAWAL APPROVED

The board approved the withdrawal of the University of Alberta's academic pension plan from the public sector's Pension Plan Act. VP (Finance and Administration) Glenn Harris explained that post-secondary institutions were allowed to consider withdrawing in 1996. In 1998, the U of A gave notice to the provincial treasurer of its intention to withdraw and be able to run its own plan, with various other post-secondary institutions, through a board of trustees.

A transition team investigated the legalities of a multi-institutional plan, and the recommendation was to move forward with the withdrawal. "The transfer and risk aspects have been deemed palatable... Why should the U of A continue to operate in this government operation?" said Harris. He'd like to see the university develop its own plan, as most organizations have done. Plan members have been made aware of the pros and cons, and a vote will be held Sept. 26. "The movement to non-statutory status does not change the plan," said Harris.

#### 98 MORE ACADEMIC ALL-CANADIANS

The highest number of students—98—were named Academic All-Canadians, and the U of A continues to lead the country with the most number overall. To receive this honour, students must achieve an average of 7.2 (80 per cent) or greater and be a full member of a varsity team. ■

## Thank you to the Alumni Association



Lucille Walter



Bruce Bentley



University of Alberta  
Alumni Association

On behalf of the University of Alberta, I wish to express sincere thanks to the Alumni Association for its commitment to advancing our vision.

Achieving our institutional goals requires a team of many dedicated partners, of which our Alumni Association is key.

Our heartfelt thanks to outgoing President Lucille Walter for leading the association this past year. We warmly welcome new President Bruce Bentley.

Working together, and building on our 92-year tradition of excellence, the University of Alberta and our partners will prosper.

Best wishes for the coming year.

Roderick D. Fraser, PhD  
President



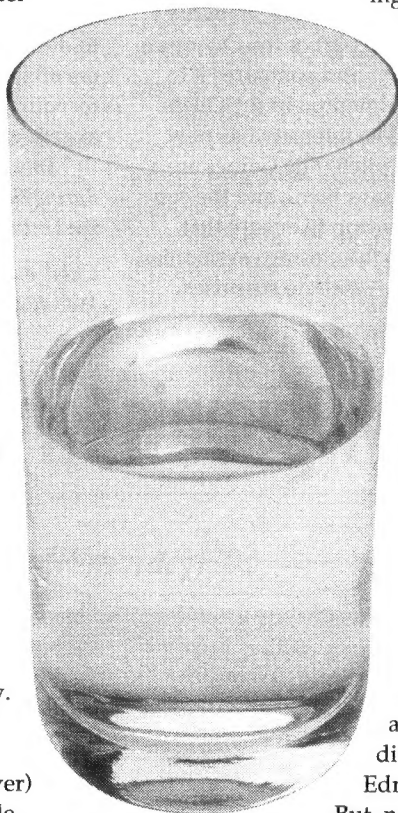
# The Walkerton outbreak: could it happen in Edmonton?

By Dr. Steven Hrudehy, Department of Public Health Sciences

Given the current management of Edmonton's drinking water supply, a disaster similar to what occurred in Walkerton, Ont., this summer is extremely unlikely, but Edmontonians should know why we can trust our water supply at the moment, and why we must temper our trust with a "but."

The safety of our drinking water has been a recurring concern, for many good reasons. Edmonton's drinking water utility, Epcor Water Services, has come to be recognized as a leader in North America, if not the world, for its commitment to and performance in achieving excellent drinking water quality in the face of substantial challenges. But, leadership and excellence were not labels that sprang to mind in 1985-86 when I undertook an independent inquiry into the safety and quality of our drinking water supply commissioned by the mayor, Alberta Environment and the medical officer of health.

Episodes of foul-smelling water recurring every spring combined with scary headlines about cancer-causing chemicals in the water prompted that review. Edmonton had recently experienced a large outbreak of waterborne *Giardia* (so-called beaver fever) during the winter of 1982-83. While many officials at the time denied the water system could have been responsible, and we missed the opportunity to confirm the waterborne cause, the obvious clustering of cases around the Rosedale water treatment plant pointed to inadequate contact time for disinfection of water drawn from mains near the plant. This evidence and numerous other system flaws uncovered during later investigations demonstrated the system was primed for failure if challenged by pollution of the river source water. The 1986 review made over a hundred recommendations for improvements, most of which have been addressed in one way or another over the past 15 years.



But, problems did not disappear overnight, as was evident in the fall of 1989 when chlorination failed at Rosedale due to an operator error and Edmontonians awoke the next morning to a boil-water order from the medical officer of health. As recently as spring 1997, a boil-water alert was called when monitoring revealed the

presence of *Giardia* and *Cryptosporidium* cysts in the treated water. The latter pathogen was responsible for an outbreak infecting more than 400,000 residents of Milwaukee in 1993, including an estimated 100 deaths among immune-compromised consumers. Fortunately, neither the 1989 nor the 1997 incidents showed any evidence of disease among Edmonton residents.

But, no one should underestimate the challenges of delivering consistently safe drinking water from the North Saskatchewan River, given the intermittent pollution that occurs upstream.

What does all this tell us about the current safety of Edmonton's water supply? For certain, the 1997 warning was only possible because Epcor was monitoring for these pathogens at a time when few municipalities had ever looked for them. Some critics have argued that monitoring such obscure bugs is a waste of money. One alderman even described the 1983 debate over the *Giardia* outbreak as "rubbish" where "we got ourselves all

excited over a few cases of diarrhea."

Over the years, several politicians have expressed cavalier attitudes about our drinking water safety.

Chances are that the Walkerton inquiry will reveal an ongoing history of casual disregard of the health risks associated with their water supply. Some drivers inevitably push the speed limits because speeding through a school zone does not guarantee an accident. But, if a child crosses when a speeder is passing, disaster can become almost certain. In the case of Walkerton, there may have been countless times when their chlorinator was not working and no disease outbreak occurred. Unfortunately, this time when contamination challenged their system there was no disinfection. Previous times when the chlorination was off, some residents may have even been happy to avoid that chlorine taste in their "pure" country well water. Now we know in tragic proportions the price that the community has paid for having allowed the chemical treatment of their natural well water to be neglected.

How many times must we learn this painful lesson? In the 1850s, decades before the microbe-causing cholera was identified, Dr. John Snow showed that those who got cholera in London, England were more likely to have consumed water from contaminated wells. Epidemiology, the scientific approach we now rely upon to learn what risk factors are linked with any human disease, was born with Snow's pioneering studies. These insights eventually led to chlorine disinfection of drinking water being able to virtually eliminate cholera and typhoid outbreaks in the developed world. But, fears about chemical risks of chlorine led Peruvian officials to reduce disinfection in the late 1980s, thereby contributing to a cholera epidemic infecting more than 300,000 people and causing more than 3,500 deaths. Microbially contaminated drinking water remains the largest single, preventable cause of disease and infant death in the developing world. But, we also have waterborne disease outbreaks in Canada

every year and now we have the Walkerton tragedy. Because preventable failures keep happening we must qualify our trust with a "but."

Complacency remains a constant threat to many of our public health advances, ranging from drinking water disinfection to immunization. Any public health measure will carry some risk, but the risks of tinkering with drinking water disinfection are so painfully clear that incidents like Walkerton seem inexcusable. But, we keep finding examples where complacency leads to failure and we must ask why. Perhaps the benefits of our public health systems are too subtle. Unlike surgery, where medical benefits can be seen immediately for a real person, we can only estimate how many faceless people have avoided disease because of effective interventions like safe drinking water.

Three years ago, some politicians began questioning the need for and costs of maintaining the same stringent drinking water criteria for small rural communities that are required of Alberta's cities. Alberta Environment officials were forced to defend their preventive stance against the short-term expediency of cutting compliance costs. We are fortunate the regulators stood their ground. But, what about next time?

Maybe we will recall the tragedy in Walkerton long enough to avoid future tragedies, but experience suggests otherwise. If the only lasting beneficiaries of the Walkerton tragedy become the bottled water and home-treatment device dealers profiting from public fears, then the Walkerton tragedy will have taught us the wrong lesson. Our quality of life, which we too often take for granted, depends on our continued vigilance and ongoing investment in robust public health systems that can and should prevent tragedies like Walkerton. ■

Dr. Steven E. Hrudehy is professor of environmental health sciences in the Faculty of Medicine and Dentistry. This guest column originally appeared in the Edmonton Journal.

## Battling cancer-treatment side effects with exercise

*Physed professor gets cancer patients exercising—and they love it*

By Phoebe Dey

When Dr. Kerry Courneya's U of A fitness centre opens at 8 a.m., eager clients are already waiting in line, banging on the door to be let in. That's because this is no ordinary gym. It's a unique centre devoted exclusively to cancer patients, people who are eager to stretch and sweat their cancer-treatment side effects away.

Courneya, a professor in the Faculty of Physical Education and Recreation, is trying to change a long-standing belief that cancer patients experiencing fatigue after chemotherapy and radiation treatment should rest, sleep and remain inactive.

"We're trying to explode the myth about taking it easy," said Courneya, who has a cross-appointment in the Department of Oncology. "We had to show these patients that they were capable of exercising, and that there are benefits to exercise."

He is currently involved in three clinical trials, two of which are breaking new ground by working with new types of

cancer patients. Traditionally, breast cancer patients have been the focus of trials, but Courneya has now included people fighting colorectal cancer or prostate cancer.

Seeing the results first-hand is more rewarding than simply analysing the data, he said.

"The prostate patients say it's changed their lives and that's reflected in the adherence rates," said Courneya, who teaches the only post-secondary exercise oncology course in the world. "We've had 36 sessions and they've attended each one."

The men with prostate cancer are put on hormone therapy, which diminishes testosterone levels in their bodies. A weight-training program designed by Courneya and his graduate students has increased the patients' strength to a level higher than before the trial started.

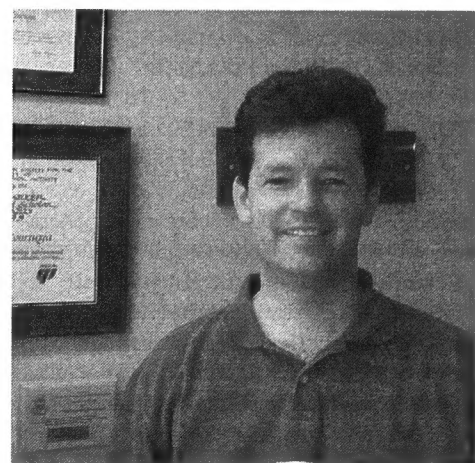
Other participants, who might have initially been leery about exercising after chemotherapy treatment, are shocked at

how much their body and mind can do. Programs are modified based on fitness levels and treatment response and fitness tests are done before and after the trials begin. Questionnaires measure quality of life but even without that tool, Courneya argues the benefits of exercise are countless.

"These people regain a sense of control," he said, adding tests have proven their strength and cardiovascular capabilities have improved. "During treatment, they are constantly told what to do and, with exercise, they feel they can be more in control. It's a great sense of accomplishment for them."

Patients also like activities that distract them from their illness, said Courneya.

"Since cancer does wipe you out physically, the more reserve you have, the better prepared you'll be to endure these types of treatment," he said, adding exercise could reduce the side effects. "Although survival rates for cancer are up, improving the



Courneya: "We're trying to explode the myth about taking it easy."

quality of life for those survivors is just as important. And in terms of the number of clinical trials, we're probably the leaders in Canada, if not in North America or the world." ■



# Behind the scenes in Sydney

*Alumni are helping to keep the technology humming smoothly*

By Jodeen Litwin

The Olympics are the playing field for the world's best athletes, and this year's Summer Games in Sydney, Australia, are no exception. But what about the other "Olympians"—those who maintain marathon hours, have a schedule choreographed tighter than a synchronized swimming routine and balance multiple tasks with a gymnast's flexibility to make the international sporting event come off without a hitch?

Patrick Shaver, B.Sc.(Eng)'92, MBA'95, M.Eng.'95, and Eleni Shaver (Zervos), B.Sc.(Eng)'93, MBA'95, M.Eng.'95, are two such people. Just coming off of an 80-hour week is Eleni, and currently working 10-to-20-hour days is Patrick.

Last summer the Shavers made the bold decision to head to the land of wallabies and kangaroos. Eleni was first to move, in June 1999, to Sydney. She had worked at IBM Canada in Edmonton since 1995, and when she had a chance to transfer to Australia, she decided to go for it. Now a project manager, operations group, for IBM Australia, Eleni is managing the

implementation of the infrastructure and overall operational readiness for the applications used to send Games results to the media and to the official Olympic Web site. Throughout the Games, Eleni will be working in the Technical Command Centre, where all the monitoring, control and general trouble shooting are based.

One month after his wife moved, Patrick followed suit. He quit his job in Edmonton and went down ready for anything. "It was very quick, but we both thought, if we're going to do it, now's the time," says Patrick, who was fortunate to find work quickly—and in the area of his choice. He was hired as a project manager to help establish the transportation and infrastructure division for Incoll Management. However, he soon found he was spending most of his time doing project management for upgrades to the main aquatic centre for the Olympics.

"If it was excitement we were looking for, we definitely got it," says Eleni from the 51st floor of their Sydney apartment. Patrick and Eleni, who met at the U of A in



At the Opera House: Patrick and Eleni Shaver

1993 and married five years later, both say the thrill of the Games is exhausting but invigorating.

Eleni talks about the "buzz" in Sydney. Patrick agrees. "Being part of the Olympics is incredible," he says and compares it to the excitement in Edmonton in the Oilers' Stanley Cup days. The intensity has now mounted to a fever pitch. The Games are a huge deal for IBM, says Eleni, and the company is working nonstop to ensure that, from the opening to the closing ceremonies, things are just right—with no surprises.

Although work occupies most of their time, Patrick and Eleni have squeezed in some time to explore Australia or hang out on the beach. And neither regrets the commitment. "We're really glad we did this," says Patrick, for whom the move to Australia was a homecoming of sorts. He attended Grade One in Canberra and had been back to the island-continent several times.

With no relief—or vacation time—in sight until the end of October (the 2000 Paralympic Games start Oct. 18), Eleni and Patrick say they are concentrating their energy on the Olympics and living for the moment.

After the Olympics? "Once we catch our breath we will evaluate what we want to do," says Patrick. Until then, the Shavers are enjoying being part of the Olympic fervour, living life in Oz and having an apartment with an ocean view. ■

*This article originally appeared in the Spring/Summer 2000 edition of New Trail, the University of Alberta Alumni Magazine.*

Check out the official Sydney Olympics 2000 Web site at: <http://www.olympics.com/eng/>

## U of A's Dr. Bob Steadward joins International Olympic Committee

*Olympic duties added to Steadward's long list of community service*

By Ryan Smith

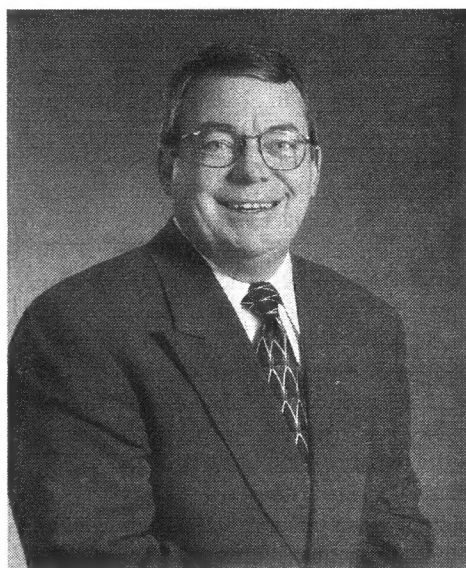
About midnight Alberta time on Sept. 13, Dr. Bob Steadward was pacing outside a conference hall in Sydney, Australia, waiting with the other 13 International Olympic Committee (IOC) candidates to see if their nominations would be ratified.

The ratification vote by the 113-member committee is commonly regarded as a formality, but that didn't ease Steadward's nerves. "There are never any guarantees," he said from his hotel room in Sydney.

Steadward, a University of Alberta physical education professor since 1971, is now one of the newest members of the IOC. He called the appointment "a special honour and a privilege," and was particularly taken by the induction ceremony, in which he received an Olympic gold medal from IOC President Juan Antonio Samaranch.

The committee next meets Sept. 30, toward the end of the Sydney Games, but Steadward said he may have to attend other meetings throughout the Olympic Games, as well as be available to present at medal ceremonies.

With regard to the milieu in Sydney now, Steadward said, "You can't believe it. It's



Dr. Bob Steadward, one of the newest IOC members.

absolutely incredible. People here have really embraced the Games. There were about 70,000 lined up in a rural town just to get a glimpse of the torch on its way to Sydney."

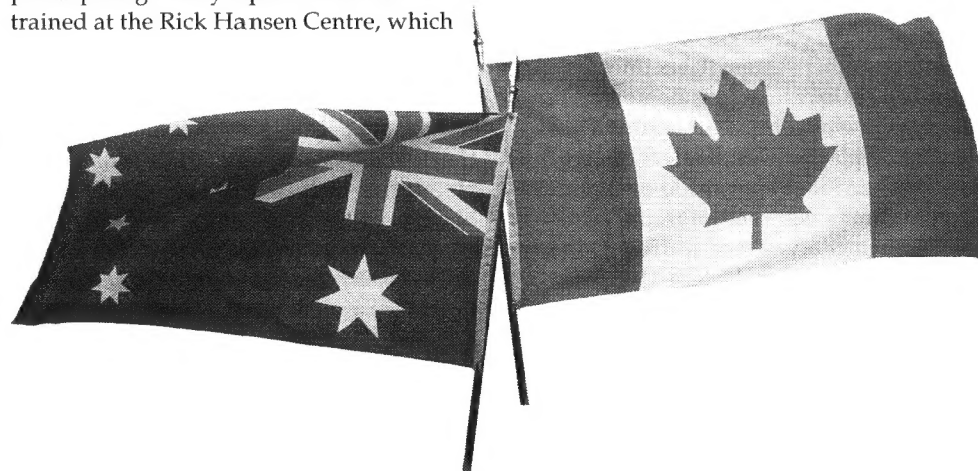
Steadward, who is the president of the International Paralympic Commit-

tee, said he will make sure he attends the two paralympic events that are featured during the Olympic Games: the 800- and 1500-metre races. He will also attend the triathlon to see what he can learn to help members of the committee, particularly chief executive organizer Sheila O'Kelly, who are organizing the World Triathlon race that will be held in Edmonton next year.

When the Olympics finish, Steadward will really get busy as the Paralympic Games then begin in Sydney. Some of the participating Paralympic athletes have trained at the Rick Hansen Centre, which

Steadward founded at the U of A in 1978. "What he's done and continues to do constantly amazes me," said Ewen Nelson of the Rick Hansen Centre. "He'll do a superb job for the IOC."

Former Dean of Phys. Ed. Art Quinney said Steadward's appointment will "raise the profile not only of the U of A, but also of Edmonton, Alberta and even Canada, and I'm sure he'll do well as a representative of our concerns." ■



## Our physiotherapists help Canada's Olympic teams stay strong

By Rhonda Crooks and Ryan Smith

The University of Alberta's rehabilitation medicine program is well represented at the 2000 Olympic Games in Sydney, as six out of Team Canada's 10 core physiotherapists have a U of A connection.

Sandy Rennie is a current associate professor of physical therapy, Susan Massiti, Louise Vien, Leigh Garvie and Bob Dunlop are graduates of the U of A's program, and Mary Young has taught physical therapy at the U of A as a sessional instructor.

"I was thrilled to see six affiliates make the Canadian team, myself included," Rennie said. "It just shows we have a strong physical therapy program, which says a lot about the U of A and Alberta."

Rennie, who is working at his third Olympics and sixth international event,

credited former longtime chair of the physiotherapy department, Dr. David Magee, as a major reason why the U of A program is so strong. Leigh Garvie agrees. "Fifteen years ago, [Magee] founded sports physiotherapy in Alberta, and with his direction a very active and strong core group of physiotherapists developed. At one time, Alberta had more physiotherapists than anywhere else in Canada."

For Garvie, who is now a private practitioner in Edmonton, Sydney is her fifth Olympics. The volunteer work doesn't faze her.

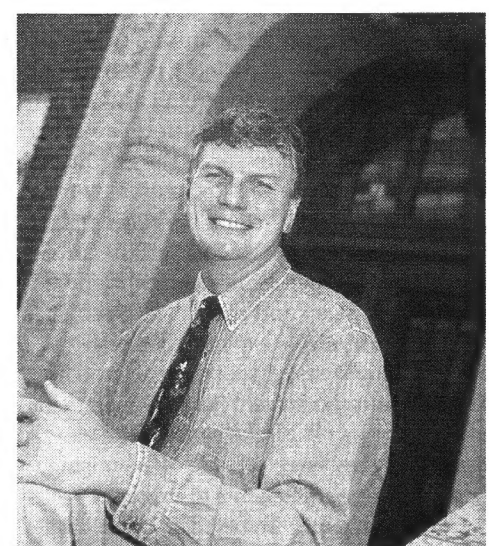
"It's such a great experience," she said. "You work 16- or 18-hour days for three to four weeks straight in an intense environment, but it's so inspiring to work with elite athletes. And you get a boost because you're working with great physiothera-

pists, and you always come away having learned a lot."

Rennie agreed. "It might sound trite, but it's true. Going to events like this is a chance to meet new people, and you always learn from them."

Rennie also credits the dean of the Faculty of Rehabilitation Medicine, Dr. Albert Cook, for recognizing the importance of going to major events such as the Olympics, and providing Rennie with a six-month study leave.

"You learn based on real-life situations," Rennie said, "and that's always useful for when I come back and teach my students. It gets them excited about learning, and the fact they see others from the U of A go to the Olympics inspires them too. It's a pretty neat legacy to have." ■



Rennie: working at his third Olympics



# Clicking to financial freedom

**Horizon Award-winning alumni strike it rich in the New Economy**

By Dan Carle and Lucianna Ciccocioppo

A triumvirate of University of Alberta graduates set the world of business on its ear this spring, mostly because for them, there was no "try"—only starve and do.

The three entrepreneurs have redesigned the way businesses can securely transfer documents over the Internet. They hit "send" and sealed a deal to sell DocSpace Secure File Services for a cool US \$535 million (more than \$800 million in Canadian dollars.)

While the path to fortune was not an easy one, this trio of thirtysomething alumni never lost sight of their vision. Evan Chrapko (B.Comm. '88), the former CEO of DocSpace, was led by an adherence to hard work and discipline learned on the family farm in Brousseau, Alta., about an hour east of Edmonton.

"I imagined putting myself through a fire-walk," Evan says of DocSpace's inception. "I said to the group, 'This is the New World. Forget everything. What's in front of us is going to be brutal.'"

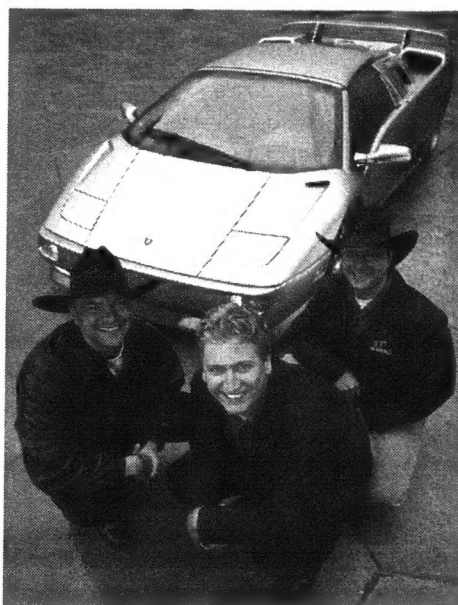
After months of meals from a can, something finally broke, and it wasn't their minds or motivation.

"We were sleeping on the floor on cardboard because we couldn't afford beds," says Shane Chrapko (B.Sc. Agriculture '90), Evan's handshaking-salesman brother. Theirs was a communal house that served as business and living quarters and inspirational hub.

The group stuck to the same picture in their collective mind: the last supper they'd finally have to eat from a can.

"It was about enabling ourselves and other people to do something that was above-average," says Valerian Pappes (B.Comm. '90), who brought business and technical savvy to the company. "How are you going to compete with the rest of the world? By doing things other people aren't willing to do," he says. The result? "I don't have to work ever again in my life."

But these alumni, including partner Carmen deAntoni (B.Comm. '90), Evan's executive assistant, are not content to sit on their laurels—or in their Lamborghinis. As the past executives at Silicon Valley-based Critical Path Secure File Services, the company which bought DocSpace, they're forging ahead in the



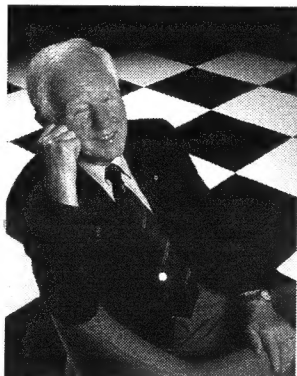
DocSpace founders, Lamborghini drivers: Chrapko brothers Shane and Evan with Valerian Pappes (centre).

entrepreneurial world of the Internet, as are former partners Byron Cassey (B.Comm. '92) and Norman Gretzinger (B.Comm. '91). ■

## Alumni Wall of Recognition 2000 inductees

### Walter Kaasa, BEd '51, DLitt (Honorary) '93

Nationally known for his distinguished career as an actor and director, Walter Kaasa has made a tremendous contribution to the development of the arts and culture infrastructure in Alberta and Canada. He has had a profound influence on arts and culture in Alberta through his contributions as a high-ranking arts and culture administrator. In 1956 Kaasa was appointed co-ordinator of cultural activities for Alberta's Department of Economic Affairs. He was one of just three staff members in the branch at that time. He was later named Alberta's director of recreation and cultural development, a post he held until 1973. At that time, both areas achieved departmental status and he was named assistant deputy minister of cultural development. When he retired from that position in 1982, the Department of Culture had a staff of more than 300. Kaasa, who remains active as president of his own speech academy, has received many honours, including an honorary degree from the U of A, the Banff Centre of Fine Arts National Award, and appointment to the Order of Canada. The Kaasa Theatre in Edmonton's Jubilee Auditorium is named in his honour. ■



Walter Kaasa

### Barbara Paterson, Dip(Arts) '57, BFA'88

An artist with a growing national and international reputation, Barbara Paterson is best known for her "Famous Five" monuments, commissioned for Calgary and Ottawa to celebrate an important milestone in the women's rights movement.

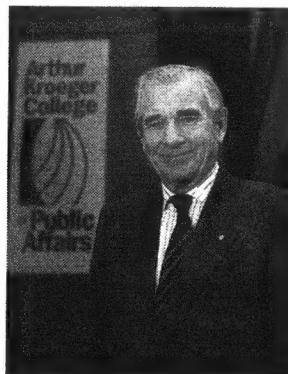
Unveiled Oct. 18, 1999 in Calgary by the Governor General of Canada, the sculpture commemorates the remarkable women behind the famous "Persons Case" of 1929, which was a landmark in legal rights for women. Paterson was chosen for the commission as a result of a national competition. As the winner, Paterson was commissioned to produce two monuments, one for Calgary and the other, to be unveiled a year later, for Ottawa. With the installation of her Ottawa monument, Paterson has the honour of creating the first permanent Parliament Hill display memorializing women other than royalty. An active member of the board of directors of the Alberta Society of Artists, Ms Paterson is known for her insightful depiction of the uniqueness of human experience. Her works have been exhibited internationally as far as Bulgaria and Singapore. ■



Barbara Paterson

### Arthur Kroeger, BA (Honours) '55

Throughout his unparalleled history of contributions to Canadian public service, Arthur Kroeger has steadfastly remained in touch with his roots in Western Canada. When he retired from the federal public service in 1992, he was regarded as Canada's "dean of deputy ministers," having served as the administrative head of six different federal government departments. Once described by the *Financial Post* as "an Ottawa rarity—a Westerner who rose to the top as a federal civil servant without losing touch with the folks back home," Kroeger tackled many thorny problems during his 34-year civil service career, including the replacement of the Crow's Nest Pass Agreement with modern grain transportation legislation. Shortly before his retirement, he was given the challenge of organizing a series of regional conferences on the Canadian constitution. Since 1993 Kroeger has served as chancellor of Ottawa's Carleton University, where the Kroeger College of Public Affairs is named for him. He is a Companion of the Order of Canada and received in 1989 the Public Service Outstanding Achievement Award. ■



Arthur Kroeger

### Thomas Walsh, BA'49, LLB'53, LLD (Honorary) '89

Calgary lawyer Thomas Walsh has contributed enormously to the quality of life in his community and has served both his profession and the Canadian Chamber of Commerce at the national level. Walsh has made immense contributions to Calgary, Alberta and to Canada. Calgary's "White Hatter of the Year" in 1975, he has long been a dedicated volunteer to a myriad of organizations. The founding chairman of



Thomas Walsh

Parks Foundation Calgary, he is a former president of the Canadian Bar Association, a former president of the Rotary Club of Calgary, and a former chair of the National Executive Committee of the Canadian Chamber of Commerce. Despite the demands of his successful law practice and his extensive involvement in his local

You hear people  
talk about pride  
in Alberta, and  
pride in the U of A,  
and, I tell ya', it's  
here, baby. It's here."

—Thomas Walsh

## Recognition ceremony bolsters alumni pride

**Standing room only as family, friends and alumni turn out for award event**

By Ryan Smith

The presidents of the University of Alberta, the U of A's Students' Union and the U of A's Alumni Association took the stage Sept. 14 to honour 27 of some of the university's most distinguished alumni, four of whom were inducted to the U of A's Alumni Wall of Recognition.

"It is you who demonstrate daily the quality of our university," Dr. Rod Fraser, university president told the distinguished grads. "And you are examples for us as we continue to pursue our 92-year legacy: the education of the leaders of tomorrow."

Susan Peirce, director of the U of A's Alumni Affairs, said "This event is always very special each year because our alumni are the university's best ambassadors—not only in the stories they can tell about what a great place this is, but most importantly, through their professional achievements and the leadership they show in their communities."

Peirce noted that Alumni Honour Award recipient Dr. Patrick Lee is a good example of why the Outstanding Alumni Awards Ceremony, held annually at the Myer Horowitz Theatre in SUB, is important to the university. "Dr. Lee deserves so much recognition for all he's done in the cancer research field, and you can see he doesn't expect it, but is so pleased and surprised to get it...It's people like him who bring great honour to the U of A, and this is our small way of thanking them."

For the first time, Awards of Excellence were presented to alumni who have earned "specific honours and accomplishments" in the past year. As well, Horizon Awards were given to alumni who have achieved significant success early in their careers. (See "Clicking" at top left.)

Calgary lawyer, civic volunteer and Alumni Wall of Recognition 2000 inductee Thomas Walsh said the evening was "outstanding" and the honour he received was "incredible" and "a great surprise."

"I've never attended alumni functions before, but I encourage other grads to do so," Walsh said. "This has been a lot of fun. And you hear people talk about pride in Alberta, and pride in the U of A, and, I tell ya', it's here, baby. It's here." ■

Read about all our outstanding alumni award winners at:  
[www.ualberta.ca/ALUMNI/recognition/](http://www.ualberta.ca/ALUMNI/recognition/)

community, Walsh has remained a committed supporter of the University of Alberta, serving as an elected member of the University's Senate from 1982 until 1988. Walsh has received numerous awards and honours in recognition of his accomplishments. These include the Premier's Award for service, an honorary doctorate from the University of Alberta, the Distinguished Service Award from the Law Society of Alberta and the Canadian Bar Association in 1998, and the Order of Canada in 1995. ■



# That's a wrap!



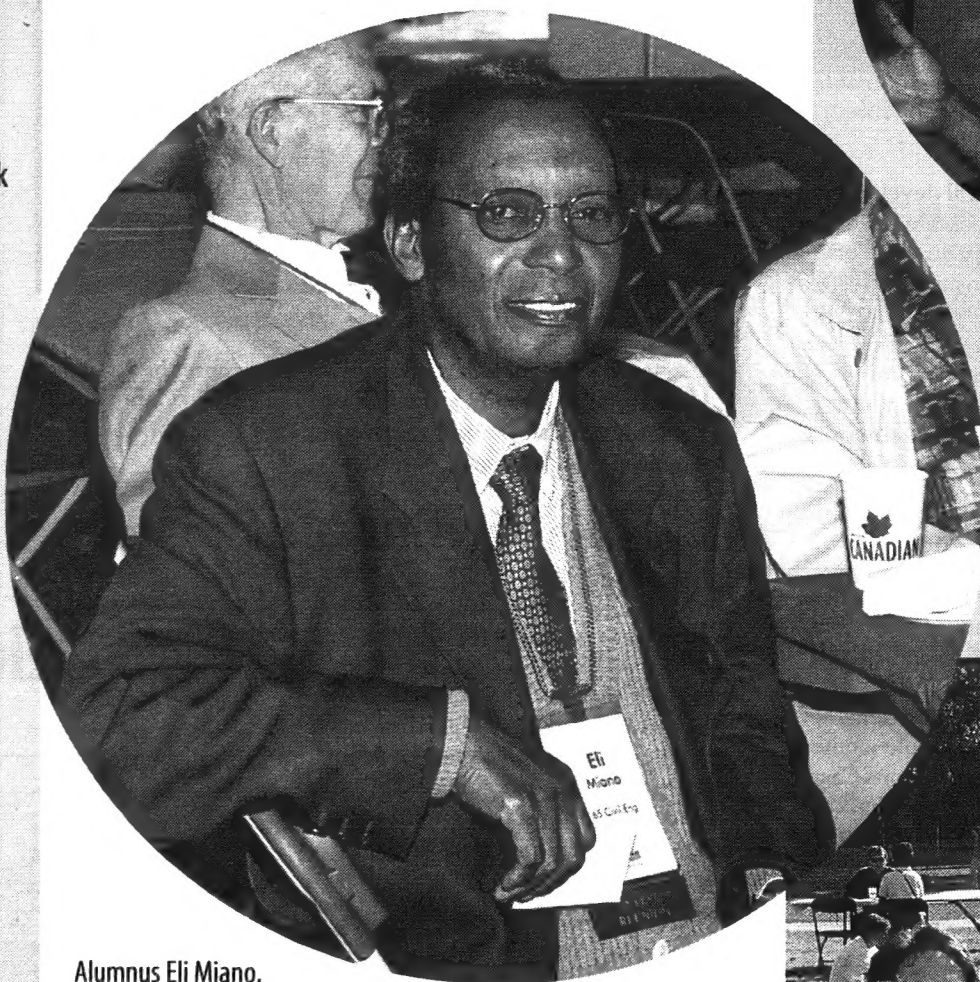
Looking for book and CD bargains at Saturday Sampler's sale at the Telus Centre.

The University of Alberta buzzed with frenetic activity last week, in what were probably the busiest four days of all on campus. In addition to classrooms and bookstores already brimming with students back for the fall semester, the Alumni Reunion 2000 events Sept. 14-17 attracted more than 1,000 U of A graduates back to campus. Reunion 2000 featured nine events, ranging from the "Septemberfest" beer gardens to the Reunion Concert in Convocation Hall put on by U of A Department of Music grads. Other events included Saturday Sampler's public lecture series, the Chancellors' Reception and the Reunion Gala Dinner, along with the campaign's Thank you Builders and Believers Family Garden Party, held to thank those who helped the U of A surpass the goal of its largest fund-raising campaign, which pulled in more than \$193 million in gifts and pledges.



Alumnus Dr. Russell Laba, Dentistry '55, with his wife Susan.

## Chancellor's Reception



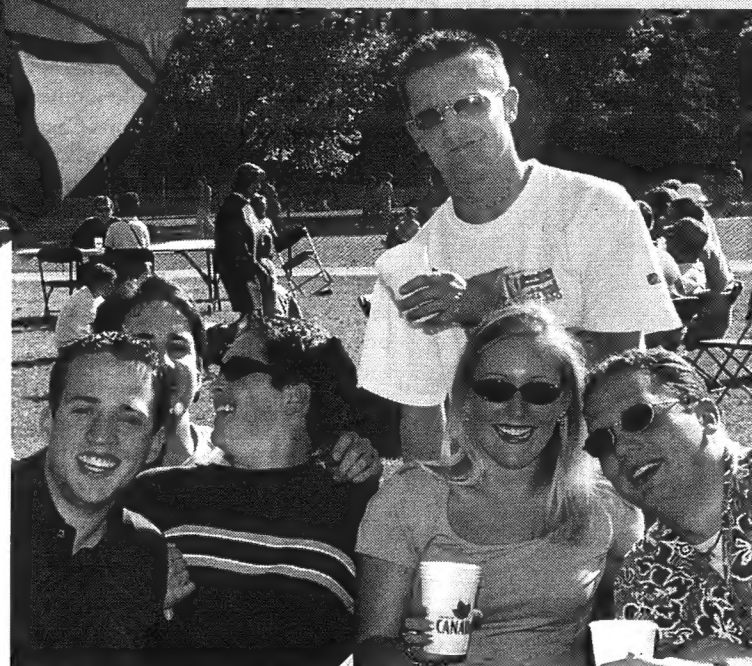
Alumnus Eli Miano, Civil Eng '65, came all the way from Kenya to attend Reunion Weekend.

## Reunion2000 "Septemberfest" Party



## Saturday Sampler

A sampling of statistics: Dr. Subhash Lele, associate professor of mathematical sciences, spoke at Saturday Sampler's public lecture series.



Current students enjoyed the beer gardens too.



*builders and believers*

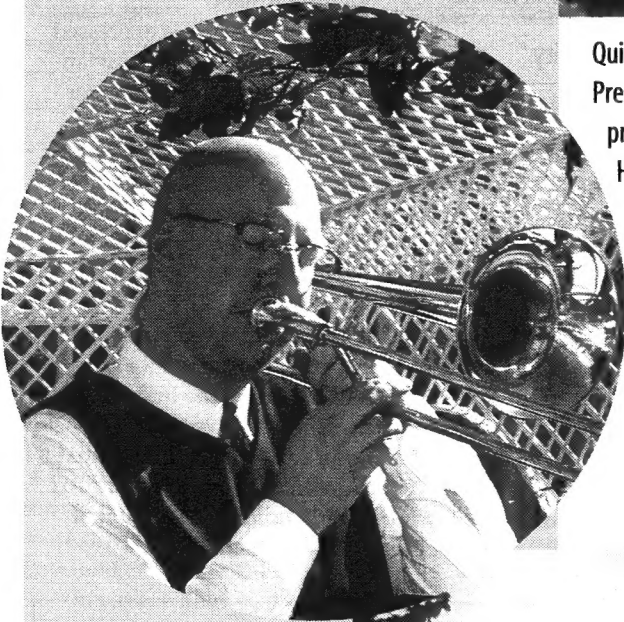
**Family Garden Party**



Don Juan roamed his romance around the garden party.



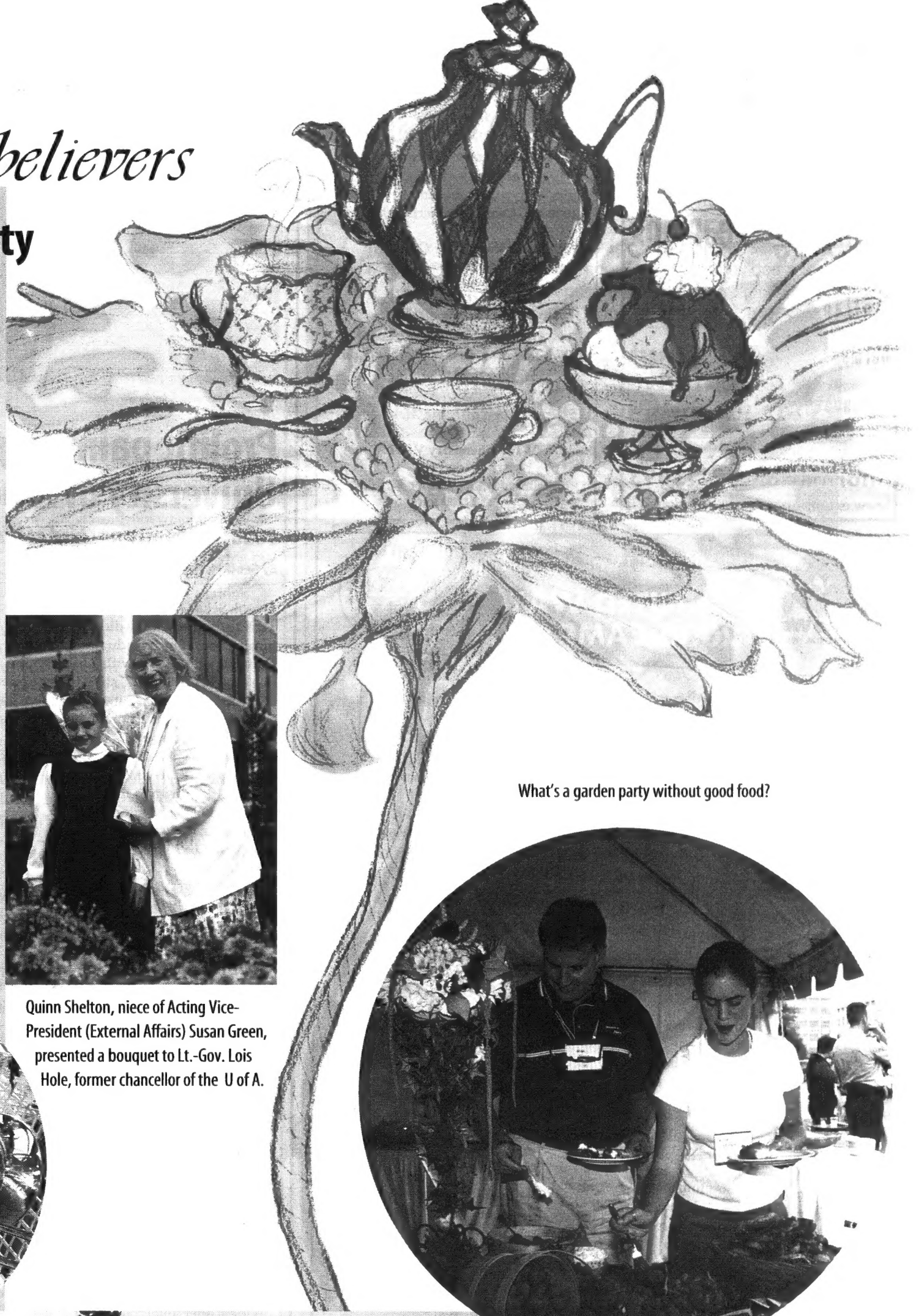
Quinn Shelton, niece of Acting Vice-President (External Affairs) Susan Green, presented a bouquet to Lt.-Gov. Lois Hole, former chancellor of the U of A.



Dixieland, ragtime or jazz: multi-talented musicians kept everyone entertained



Garden party fun: Jugglers, mime artists and face painters, oh my!



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Professor Robin J.H. Clark, F.R.S.  
Sir William Ramsay Professor  
Department of Chemistry  
University College London  
will talk on  
*An Arts/Science Interface:  
The Identification of Pigments on  
Manuscripts, Paintings  
and Artifacts  
by Spectroscopic Means*  
in  
V-107 Chemistry V-Wing  
on  
Wednesday, September 27, 2000  
at 11:00 am



Artist and alumna, Seka Owen

## Prolific painter gives back to University of Alberta—with art

Donates almost one third of life's work to charity

By Geoff McMaster

It took Seka Owen some time to find her calling, but when she did there was no turning back. Since graduating from the University of Alberta with a bachelor of fine arts degree in 1977, she's become one of the most prolific painters Edmonton has ever produced, with more than 500 works on canvas and paper.

Now she's donating a large portion of her life's work, about 25 to 30 per cent of it, to the charities and institutions she holds most dear, including the U of A, which will acquire about 30 pieces for its art collection.

"The university was good to me," says Owen. "My whole career wouldn't have taken the course it did were it not for the university. Whenever I think of those days, I always get a wonderful, uplifting feeling, and I think that's very important."

Owen has shown her mainly abstract, acrylic work at exhibits in New York, Los Angeles, Vancouver and London, England as well as in numerous Edmonton and Calgary galleries. Her paintings are also represented in various private collections such as at the Yugoslavian Academy of Art and Science, the Edmonton Art Gallery and Museum and Texaco Canada.

With such impressive credits, it's hard to believe she didn't begin painting until she was in her early 40s. She was first trained in biology in her native Kosovo, but decided, after immigrating to Edmonton in

1958 and working in a lab for just a month, that she'd chosen the wrong career path.

"I thought, if I have to do that for the rest of my life, I don't think I'd like it," she recalls. "I always wanted to be a painter. I was a good drawer and had an inclination for art."

Owen initially took up painting to take her mind off her ailing father, who was suffering from paralysis. But what started out as therapy quickly became her new profession. She took some private lessons, and then soon found herself in a fine arts program at the U of A.

"I had very good interactions with the professors," she says. "It really made me strive to bring out the best qualities in myself, rather than competing with others."

Owen's vision is expressed primarily in one universal language—colour. "Painting, for me is the essence of things I

have experienced and learned...My goal is that my paintings should affect others as I am affected by some works of art—each painting to be a joy forever, to be something that esthetically satisfies and enriches a life."

Owen has also contributed paintings to a host of charities, including the Red Cross, Ronald McDonald House, the International Hunger Society, the Multiple Sclerosis Society, the Salvation Army and the Arthritis Society. The Edmonton Contemporary Art Society is currently holding an exhibit of some of Owen's work until Oct. 7. ■

"The university was  
good to me. My whole  
career wouldn't have  
taken the course it did  
were it not for the  
university."

—Seka Owen



UNIVERSITY OF ALBERTA  
**UNITED WAY  
2000 CAMPAIGN**



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UNITED WAY CAMPAIGN  
OCTOBER 2 – NOVEMBER 17**

### A MESSAGE FROM PRESIDENT ROD FRASER

The University of Alberta's United Way Campaign plays a key role in our vision to be indisputably recognized as one of Canada's finest universities. By supporting the United Way Campaign, we demonstrate our commitment to outstanding community service in a tangible way.

As one of the largest employee campaigns in the region, the University of Alberta is extremely important to the success of the Edmonton and area campaign. Through giving, University of Alberta employees enhance the community that supports us in so many ways, and we grow closer as we unite behind our goal.

Our co-chairs, Susan Green, Gordon McIntosh, Anita Moore, and Allan Tupper have set a goal of \$300,000 – with 20% of University of Alberta employees and retirees getting involved.

Our campus community will be asked to participate in the Campaign from October 2 – November 17, 2000. I am pleased to support the 2000 University of Alberta United Way Campaign, and encourage you to get involved.

Roderick D. Fraser, PhD  
President

...it makes sense.

# Thank You!

To Physical Plant's Building Services and Grounds and Transportation, Parking Services and Campus Security for making our Sept. 17 Garden Party for our donors such a success.

Your friends in the Office of Public Affairs

## Folio on vacation...

Any idea where Judy Goldsand, public affairs associate, took her Folio when she went on vacation recently?

Fill out this form and forward to 405 Athabasca Hall by Oct. 3. One name will be drawn from all the correct entries for a prize giveaway.

Keep the photos coming!



Judy Goldsand is in?

My guess for the correct city/location is: \_\_\_\_\_

Name: \_\_\_\_\_

Dept./Affiliation: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_



# Newton Place residents to vote on new compensation offer

By Ryan Smith

University of Alberta officials offered a new compensation package Sept. 15 to disgruntled students living in the university-owned Newton Place apartment building currently undergoing renovations. The students rejected an initial offer made Sept. 11.

- The new package offers:
- A rent freeze next year for all returning tenants as a show of appreciation for enduring the construction process
  - A waiving of penalties for all students who decide to break their leases
  - A four month (retroactive to Sept. 1, 2000) \$150-per-month reduction in rent for the tenants deemed most affected—mainly those on floors 3, 7, 15 and 21, with a few exceptions
  - A \$50-per-month reduction for tenants deemed moderately affected
  - No reductions for those deemed minimally affected—mainly those on floors 2, 4, 5 and 6

The first offer was a \$50-per-month reduction in rent for four months for residents who lived on one of the four floors deemed most affected by renovation work expected to continue until Dec. 22.

There are pending issues still to be discussed, such as the allocation of study and computer space, but U of A Associate Vice-President (Finance and Administration) Nazim Merali said he was "optimistic" the students would accept this package.

"I think the students' representative group went out [of the Sept. 15 meeting] feeling things were adequately dealt with. They said this looks good," Merali said.

U of A Residence Hall Association President Tanya Spencer, who lives in Newton Place, said "about two-thirds" at Friday's meeting were in favour of accepting the offer, but she added, "I know my roommates want more than they are offering, and a few students have approached me since the meeting and told me they want more too."



Spencer said the students will not follow a formal voting procedure at Tuesday's meeting as Newton Place residents have not yet organized their own association and policies. The building only became an official residence when the U of A bought it last year.

"There are about 400 students living in Newton Place," Spencer said, "and I hope at least 100 come to the meeting...I think we'll need at least two-thirds of us to vote in favour of it if we're going to accept it—and I think we have to be especially sensitive to those who are affected the most."

Merali said there are "three or four special cases" of residents who have suffered through particularly severe disturbances and may be eligible for further compensation. Those affected by the upgrades have had to endure restricted use of their own apartments as well as noise and privacy inconveniences.

"This latest offer is unacceptable," said Graduate Student Association President Shannon McEwen. "Some of these students have only been able to use 50 per cent of their apartments, and \$150 off of \$739 [the most expensive apartments on the most affected floors] is only about 20 per cent of the rent. They should be getting 50 per cent off." ■

Read about the result of the student vote on ExpressNews at: [www.ualberta.ca](http://www.ualberta.ca).

# Playing out a dream

Physical education professor teaches Thai children how to play

By Phoebe Dey

What started as a simple dream for a University of Alberta professor has turned into an enormous project involving more than 200 orphans in Thailand, the Pope and the United Nations.

"It's overwhelming, and it's exciting how it's just blossoming," said Dr. Jane Vallentyne, a professor in the Faculty of Physical Education and Recreation. "It's one of those things that gives you faith when you see how people want to work to help these children."

Vallentyne is teaching disadvantaged and disabled orphans in Thailand how to play. She came up with the idea after talking to a friend who lives near an orphanage in Pattaya, Thailand.

"My friend would go over and help out with the kids and although they were well-educated and well-nourished, there was no evidence of any playing," said Vallentyne. "In Thailand, it's a shameful thing to have a disability, so often these kids are given away and they aren't seen as having the same sorts of human needs or rights."

The project took off when Vallentyne was in Toronto and stopped by to see Variety Village, a program that works with disabled children. She asked the organizers if they thought of becoming involved with the Thai orphanage, thinking they might send a short e-mail with advice. But the idea just snowballed with support.

Vallentyne has since received a five-year sponsorship commitment from the Vatican as part of its "Pathway to Peace" program and UN volunteers have also agreed to get involved. The goal is to leave the orphanage self-sufficient after five years, so Thai professionals would be able to run their own "play programs." Vallentyne is also conscious about incorporating Thai culture into the children's activities.

She spent the summer in Thailand, researching games and behaviour specific to the country. "I want to find out what their cultural normative play is," she said before she left. "I don't want to bring the Canadian or North American perspective over there, such as hopscotch."

Vallentyne also hopes to bring the project a little closer to home, by making it part of a physical education student's practical study. More funding will be needed before that part of the plan is in place. Until then, Vallentyne will continue to see her dream to the end.

"It's wonderful to think so many people are committed to improving children's lives, especially at something most of us take for granted," she said. "Something as simple as playing should be in every child's life." ■

Read Dr. Jane Vallentyne's personal essay on Folio's Backpage.

PATHWAYS

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### Teaching and Learning Online: Opportunities and Responsibilities

Presenter:

THOMAS C. REEVES

Professor of Instructional Technology,  
The University of Georgia

Introductions:

John Hoddinott, Professor of Biological Sciences and Associate Director of Academic Technologies for Learning



A DISCUSSION WILL FOLLOW.

Wednesday, October 11<sup>th</sup>, 2000

4:00 – 6:00 p.m.

The Telus Centre for Professional Development  
111<sup>th</sup> St. and 87 Ave.  
(Underground parking available in the Timm's Centre for the Arts)

A wine and cheese reception will follow. RSVP for the event by calling Diane Millar at 492-1521 or by registering at [www.atl.ualberta.ca/pathways](http://www.atl.ualberta.ca/pathways)



Partially funded by the Learning Enhancement Envelope (LEE), LEARN and sponsored by Academic Technologies for Learning (ATL)

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Wednesday  
October 11  
7:30pm

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will be on hand to answer all your questions.

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## talks

Submit talks and events to Cora Doucette by 9 a.m. one week prior to publication. Fax 492-2997 or e-mail at [cora.doucette@ualberta.ca](mailto:cora.doucette@ualberta.ca).

### ACADEMIC TECHNOLOGIES FOR LEARNING

October 11, 4:00 pm

Pathways Colloquia – Finding Our Bearings in a New Era of University Education. Professor Thomas C. Reeves of the University of Georgia, "Teaching and Learning Online: Opportunities and Responsibilities." Telus Centre Auditorium. Wine and Cheese to follow.

### ACADEMIC TECHNOLOGIES FOR LEARNING AND THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING

September 27, 3:00 PM

Featuring John Lippold, Professor of Welding Engineering at the Ohio State University. "An Overview of Distance Learning Activities at Ohio State" Room 2-36, University Extension Centre.

### DEPARTMENT OF BIOLOGICAL SCIENCES

October 6, 3:30 pm

Departmental Seminar Series. Ken Storey, "Molecular biology of freezing. What turns you off?" Room M-145, Biological Sciences Building. Refreshments available at 3:00 pm."

September 29, 12:00 noon

Ecology Seminar Series (part of the Biology 631 seminar series). Gord Stenhouse, Topic "TBA." Room M-137, Biological Sciences Building

October 6, 12:00 noon

Cormac Gates, "Reconstructing Ecosystems: Indians, Ungulates and Fire." Room M-137, Biological Sciences Building.

September 29, 3:30 pm

Molecular Biology and Genetics Research Group (part of the Genetics 605 seminar series). Daniel Organisciak, "Protection against retinal light damage in the rat model." Room M-149, Biological Sciences Building.

October 3, 4:00 pm

Dieter Soll, "Genomics and aminoacyl tRNA synthesis." Room M-149, Biological Sciences Building.

September 27, 1:00 pm

Physiology, Cell and Development Biology Seminar Series (part of the Biology 642 seminar series). Warren Gallin, "Understanding voltage-gated K<sup>+</sup> channels." Room G-116 Biological Sciences Building.

October 4, 1:00 pm

Ken Storey, "Life in the Cold: Freeze tolerance." Room G-116 Biological Sciences Building.

### FACULTY OF BUSINESS

September 25, from 11:00 am to 1:30 pm

Sponsored by the Centre for Executive and Management Development. Dr. Jeffrey Pfeffer, "The Human Equation," Telus Centre Auditorium.

### CANADIAN INSTITUTE OF UKRAINIAN STUDIES

September 26, 3:30 pm

Dr. Nataliya Chernysh, Center for Russian and East European Studies, University of Kansas, and Department of Ethnology, Lviv National University. "Regionalism in Ukraine: Integration or Disintegration?" (in Ukrainian). Heritage Lounge, Athabasca Hall.

### DEPARTMENT OF CHEMISTRY

October 2, 2:00 pm

Birss Lectures in Physical Chemistry. Dr. Donald A. Ramsay, on "The Spectroscopy of Glyoxal and the contributions of Fraser Birss." Room E3-25 Chemistry Centre.

October 3, 11:00 am

Dr. Donald A. Ramsay, "Singlet-triplet perturbations, sub-Doppler Spectroscopy, Microwave-Optical Double Resonance with and without Magnetic Fields. The sign of the g-factor for the electron." Room E3-25 Chemistry Centre.

October 4, 11:00 am

Dr. Donald A. Ramsay, "The Spectra of Free Radicals in Chemiluminescent Systems and in Comet Halley." Room E3-25 Chemistry Centre.

### DEPARTMENT OF COMPUTING SCIENCE

September 25, 3:30 pm

John Conway, Department of Mathematics, Princeton University. "Fractran: A Logical Computing Language." Computing Science Centre, Room 002 (Athabasca Annex).

### DEPARTMENT OF ECONOMICS

September 26, 3:30 pm

The 10<sup>th</sup> Eric J. Hanson Memorial Lecture. Speaker: Konrad von Finckenstein, Q.C. "Banks and Airlines: Mergers and the Canadian Economy." Stollery Executive Development Centre, Business Building. Reception to follow. RSVP Charlene Hill, (780) 492-7641.

### ENVIRONMENTAL RESEARCH AND STUDIES CENTRE SEMINAR SERIES

October 5, 4:30 pm

Mr. Harvey Locke, Founder of the Yukon to Yellowstone Conservation Plan. "The Yukon to Yellowstone Conservation Initiative." Alumni Room, Students' Union Building. Refreshments will be served following the seminar

### HISTORY AND CLASSICS

September 28, 3:30 pm

Fikret Yegul, Department of History of Art and Architecture, University of California, Santa Barbara. "Tangible and Intangible Realities of the Greco-Roman City." Room 2-58 Tory Building.

September 29, 3:30 pm

Ronald Numbers, Hildale and William Coleman, Professor of the History of Science and Medicine, University of Wisconsin, Madison. "Faith, Hope, and Charity: Health Care and Religion in American History." Room 2-58 Tory Building.

### JOHN DOSSETOR HEALTH ETHICS CENTRE

October 3, 12:00 – 1:00 pm

Anita Ho, PhD (Cand.), College of Saint Catherine, St. Paul, Minnesota. "Reprioritizing Health Care Goals." Room 207, Heritage Medical Research Centre.

### DEPARTMENT OF PHILOSOPHY

September 26, 3:30 pm

Peter Anstey, Department of Philosophy, University of Sydney. "The Substance of Locke's 'I Know Not What.'" Room 4-29 Humanities Centre. All welcome.

September 29, 3:30 pm

Naomi Scheman, Department of Philosophy, University of Minnesota. "Passing Strange: Social Construction, the Indeterminacy of Translation, and Linguistic Opacity." Room 4-29 Humanities Centre. All Welcome.

### DEPARTMENT OF PHYSICS

September 27, 3:15 pm

Special Colloquium. Dr. Lukasz A. Turski, Center for Theoretical Physics, Polish Academy of Science and College of Science, Warszawa, Poland. "Physics of the Crowd Control." Room V-129 Physics Building. Refreshments available at 3:00 pm outside of V-129.

September 28, 4:00 pm

R. Jackiw (MIT), "100 Years of Quantum Mechanics." Room V-129, Avadh Bhatia Physics Laboratory.

September 29, 4:00 pm

P.J.E. Peebles, Princeton University, "The Discovery of Our Expanding Universe." Room P126, Avadh Bhatia Physics Laboratory.

### DEPARTMENT OF POLITICAL SCIENCE

October 12, 3:30 pm

Sandra Rein, speaking on "An Act of Reclamation: Dunayevskaya and Marxist Humanism." Room 10-4 Tory Building.

### RENEWABLE RESOURCES

September 28, 12:30 – 1:50 pm

Dr. Harold Keener, Dept. Food, Agricultural and Biological Engineering, Ohio State University, Columbus, Ohio. John and Eileen Jorgens Lecture: "Composting: Meeting Challenges in Agriculture and Creating Opportunities." Room 2-36 Earth Sciences Building

October 5, 12:30 – 1:50 pm

Dr. Myrna J. Salloum, Postdoctoral Researcher, Department of Chemistry, Ohio State University, Columbus, Ohio. "Can Advanced Chemical Methods Decipher Organic Contaminant Binding to Soil Organic Matter?" Room 2-36 Earth Sciences Building.

### SOCIETY OF THE SIGMA XI

September 27, 7:45 pm

Doug Hube, Physics Department, "The Accelerating Universe." Room 3-33 Athabasca Hall CSF.

### ST. JOSEPH'S COLLEGE

September 29, 12:00 noon

Ronald L. Numbers, University of Wisconsin. "Darwinism Comes to America: 1863-1900." Room M-149 Biological Sciences Building. For more information please call Denis Lamoureux, 492-7681.

September 29, 7:30 pm

Ronald L. Numbers, University of Wisconsin. "The Evolution of Scientific Creationism." Room 129, Education South. For more information please call Denis Lamoureux, 492-7681.

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# events

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please contact: Helga van Meurs, Devonian Botanic  
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(the Garden), or (780) 987-3061 (home), or e-mail:  
[jhvmeurs@attcanada.net](mailto:jhvmeurs@attcanada.net)

## CAREER IN LAW?

October 5, 2000 from noon to 1 pm  
Find out how to pursue a career in law. The  
Deans of Law from the University of Alberta and the  
University of Calgary will be on hand to answer all  
your questions. For more information, please call  
Sheila, 492-5590. Room 231 Law Centre.

## CONFERENCE

### "THINKING QUALITATIVELY: AN INTRODUCTION TO QUALITATIVE METHODS"

October 5 and 6, 2000  
Telus Centre. For more information please  
call 492-9040 or visit the Web site at:  
<http://www.ualberta.ca/~iiqm/>.

## EXHIBITION

### UNIVERSITY EXTENSION CENTRE GALLERY

Until September 29  
Faculty of Extension Fine Arts Instructors  
Exhibition. Gallery hours: 8:30 am – 8:00 pm, Monday  
to Thursday and 8:30 am – 4:30 pm Friday, starting  
Sept. 1. Second Floor, University Extension Centre,  
8303 – 112 Street. For information please  
call 492-3034.

## EFF—University Teaching Research Fund Application Deadline

The deadline for receipt of applica-  
tions to the EFF—University Teaching  
Research Fund is Oct. 15.

This fund was established to en-  
courage and support research on teach-  
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ricula development at the University of

Alberta. Funding priorities include re-  
search projects which have the potential  
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tiveness of university teaching, learning  
and curricula development.

Application forms are available  
from the Office of the Associate Vice-  
President (Academic), 3-12 University  
Hall, or phone 492-1503.

## General Faculties Council Meeting

SEPT. 25, 2 P.M., COUNCIL CHAMBERS, UNIVERSITY HALL

Agenda items include:

- Question Period: Administrative Information Systems' (AIS) written report from Associate Vice-President (Learning Systems) Ernie Ingles in response to questions raised at the Feb. 28, 2000 meeting of GFC.
- Budget Planning Document: presentation of the preliminary operating budget forecast for 2001/2002.
- Budget Process Principles: recommendation from the GFC Academic Planning Committee (APC).
- National Library sale of graduate theses for profit: proposal from Brad Wuetherick, Graduate Students' Association executive vice-president and Dr. Mark Dale, dean, Faculty of Graduate Studies.

For further information on these and remaining items on the agenda, please view:  
[www.ualberta.ca/~unisecr/](http://www.ualberta.ca/~unisecr/).

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## EXHIBITION

### FAB GALLERY

Until September 24, 2000  
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degree of Master of Design in Industrial Design.  
Donald Moar, "The presentation of wonder: a nature  
museum and retreat for Elk Island National Park."  
Gallery hours: Tuesday to Friday, 10 am to 5 pm,  
Sunday, 2 pm to 5 pm. Closed Monday, Saturday and  
statutory holidays.

## MUSIC

### DEPARTMENT OF MUSIC

September 28, 8 pm  
Cenek Vrba, violin. Co-sponsored with Canadian  
Centre for Austrian and Central European Studies and  
the Czech Society of Arts and Sciences of Alberta.

September 29, 8 pm  
Doctor of Music Recital. Ayako Tsuruta, piano.  
Chamber music works by Ravel, Brahms and  
Schumann. Free admission.

October 1, 8 pm  
Gerald Onciul, French horn, Hiromi Takahashi,  
oboe, Janet Scott Hoyt, piano. An evening of cham-  
ber music for horn, oboe and piano.

October 2, 12:10 pm  
Music at Noon, Convocation Hall. Student Recital  
Series featuring students from the Department of  
Music. Free admission.

October 3, 8 pm  
The University of Alberta Academy Strings,  
Tanya Prochazka, conductor, with the University of  
Alberta Chamber Winds, Malcolm Forysth, conductor.  
Program will include works by Barber, Janacek,  
Mozart, and Moncayo.

To confirm concert information, please call  
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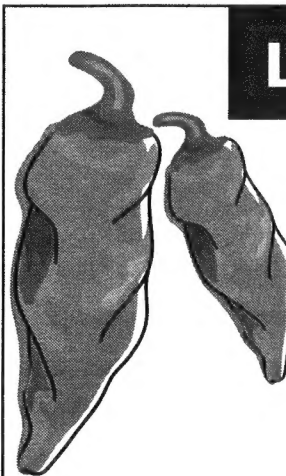
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University of Alberta

## Nominations invited for Faculty of Arts Teaching Awards

In the interest of recognizing teaching and to encourage  
teaching of the highest quality, the Faculty of Arts will present  
annually the following awards for undergraduate teaching:

### 1) Faculty Undergraduate Teaching Awards

Eligibility: ..... Full-time continuing academic staff with at least five years of  
full-time teaching experience at the University of Alberta  
Nominations: ..... One from each department  
Number of Awards: ..... Up to three, normally one from each division of the Faculty  
Deadline: ..... 15 January 2001

### 2) Sessional Instructor Teaching Awards

Eligibility: ..... Instructors must have a minimum of nine course weights of  
teaching experience of which the most recent course was  
taught no earlier than the academic year preceding the one in  
which the nomination is made  
Nominations: ..... One from each department  
Number of Awards: ..... Granted to the three most deserving nominees in the Faculty  
taken as a whole  
Deadline: ..... 15 February 2001

### 3) Graduate Student Teaching Awards

Eligibility: ..... Teaching assistants or advanced graduate students from the  
current or previous academic year who have, or had,  
responsibility for teaching a course, or section, or lab for  
a minimum of two academic (four month) terms  
Nominations: ..... Two from each department  
Number of Awards: ..... Up to nine  
Deadline: ..... 15 February 2001

Nominations can be made by students, colleagues  
and/or department Chairs. Interested persons should  
discuss possible nominations with the appropriate  
department Chair well in advance of the deadline.



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## The Philosophy of 'Survivor':

A Look at Self-Interest and Morality

**Jennifer Welchman**, Moderator  
Professor of Philosophy  
**Oliver Schulte**, Guest Scholar  
Professor of Philosophy

**Saturday, September 23**  
**1:30 to 3:00 pm**

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# positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPPA).

The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

## ADMINISTRATIVE PROFESSIONAL OFFICER DEPARTMENT OF SECONDARY EDUCATION

The Department of Secondary Education offers a challenging opportunity for a self-motivated individual in a diverse teaching department in one of the premier education faculties in Canada. The department has a large undergraduate and graduate enrolment with a strong focus on teacher education and curriculum studies. Undergraduate programs are offered in a full range of secondary school teaching subject area concentrations.

Reporting to the department chair, the administrative professional officer is accountable for developing and maintaining an effective administrative support system for the teaching and research programs of the department and for providing executive assistance to the chair and associate chair. Specific accountabilities include financial planning and management, human resource administration and staff supervision, computer and information systems coordination, calendar and timetable administration, and space and facilities management.

Qualified applicants will preferably have a post-secondary degree or equivalent and several years of demonstrated management experience, some of which has been at a post-secondary educational institution. Strong interpersonal and organizational skills, excellent written and oral communication abilities, and a strong commitment to service are essential. Applicants will have a strong technological orientation and proficiency with word-processing, spreadsheets, databases, and other applications. A thorough understanding of academic, financial, and human resource policies, procedures, and administrative information systems (PeopleSoft Financials, Human Resources, and Student Administration) at the University of Alberta is an asset.

This administrative professional officer (APO) position has a salary range of \$37,549 to \$59,459. Please submit applications including the names of three referees by Sept. 29, 2000, to Dr. Terry Carson, Chair, Secondary Education, 341 Education South, University of Alberta, Edmonton, AB T6G 2G5.

## POSTDOCTORAL POSITION (MUSCLE CELL BIOLOGY) FACULTY OF PHYSICAL EDUCATION AND RECREATION

An AHFMR-funded postdoctoral position is available in the Faculty of Physical Education and Recreation at the University of Alberta. Work will involve studying factors that regulate changes in skeletal muscle phenotype and gene expression in response to altered environmental demands, as well as routine laboratory maintenance, experimental documentation, and manuscript preparation.

The successful applicant will hold a PhD in biochemistry, physiology, cell biology or a related discipline, with experience in muscle cell or molecular biology. Experience with the following analytical techniques is required: one- and two-dimensional electrophoresis, RT-PCR, immunofluorescence, Western blotting, enzyme activity assays and muscle cell culture techniques. Special consideration will be given to applicants who also have demonstrated experience with the following techniques: cell transfection, in situ hybridisation and DNA foot printing. Salary will be comparable to the CIHR postdoctoral scale, and will be based on years of relevant experience and publication record. Review of applications will begin immediately and continue until the position is filled.

Send curriculum vitae, names and contact information of three referees, a letter detailing research experience and reprints of most relevant publications to:

Dr. C.T. Putman, Muscle Research Group,  
Faculty of Physical Education and Recreation,  
University of Alberta, Edmonton, AB,  
Canada T6G 2H9  
Tel.: (780) 492-2187; Fax: (780) 492-2364  
email: [ted.putman@ualberta.ca](mailto:ted.putman@ualberta.ca).

## SENIOR ADVISER ORGANIZATIONAL CHANGE AND DEVELOPMENT

Human Resource Services has a unique and challenging career opportunity within the Department of Individual and Organizational Effectiveness (IOE). As the senior adviser, you will join a team dedicated to helping the University of Alberta achieve greater organizational performance and effectiveness. Working in collaboration with this team, this APO (administrative professional officer) provides strategic leadership and customized consulting services to help the faculties and departments manage change and transition in support of organizational goals.

Ideal candidates should have a graduate degree and training in a related field and demonstrated ability to manage multiple projects, lead change processes, develop relationships and achieve results. Excellent skills in organizational dynamics, strategic thinking, leadership, communication, teamwork and customized consultation are essential.

We offer a comprehensive salary and benefits package in an environment that recognizes and rewards excellence. The salary range for this position is \$41,243 to \$65,295 per annum.

Candidates are asked to submit a résumé no later than Sept. 30, 2000 to:

Dan Charlton, Director  
Individual and Organizational Effectiveness  
2-40 Assiniboia Hall, University of Alberta  
Edmonton, Alberta T6G 2E7

## EXECUTIVE OFFICER FACULTY OF NURSING

Applications are being sought for an executive officer for the Faculty of Nursing at the University of Alberta.

The executive officer is a key member of the management team in the faculty reporting directly to the dean. In addition to providing direct support to the dean, this position also works closely with the two associate deans. Areas of responsibility would include administrative policies, financial and budget services, recruitment, motivation and retention of support staff, physical assets, system support and faculty administrative support. Specific accountabilities are to:

- Create, implement and maintain organizational and administrative systems and procedures.
- Provide management information to dean, associate deans and other managers; create reports in order to provide accurate and current information for decision making and information purposes.
- Review, develop and recommend changes to new or existing policies and procedures.
- Collaborate with faculty and staff in long-term planning.
- Manage and conduct special projects in the areas of process redesign, performance management, and other initiatives as required.
- Identify key performance measures for administration and finance, monitor performance, and identify improvement initiatives.
- Rationalize and co-ordinate administrative and financial support processes and practices and related technical training to ensure that administrative needs of the Faculty of Nursing are met.
- Recruit and manage the financial, secretarial and system support resources within the Faculty Services Office.
- Advise the dean and associate deans on human resource issues and co-ordinate, in collaboration with the human resources officer, human resource related activities.
- Facilitate the development of an environment that encourages and supports a generative culture.
- Increase the visibility of equity practices within the Faculty of Nursing.
- Plan, allocate and monitor the distribution of physical assets.

Ideally, candidates should possess a university degree, the appropriate administrative experience and outstanding interpersonal and team building skills. In addition, candidates will have the ability to:

- Demonstrate specialized knowledge of university procedures and practices and apply these to faculty administration.
- Manage multiple strategic projects in support of the administrative vision for the faculty.
- Apply knowledge of university guidelines and policies to ensure administrative activities conform.
- Challenge conventional practices and develop systems that creatively resolve problems.
- Take action in solving problems while exhibiting judgement and a realistic understanding of issues.
- Organize and prioritize in order to meet service expectations and optimize synergies of functional areas; forecast upcoming demands and volume; delegate tasks to capable individuals; manage competing demands from staff and faculty.
- Prepare budgets and allocate resources appropriately; ensure staff have required direction and resources.

This is a permanent administrative professional officer (APO) position with a salary range of \$44,031 to \$69,721 per annum. Applicants are invited to submit their résumé and the names of three referees by Oct. 6, 2000 to: Dean Genevieve Gray, Faculty of Nursing, 3rd Floor Clinical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2G3



# ads

Ads are charged at \$0.65 per word. Minimum charge: \$6.50. All advertisements must be paid for in full by cash or cheque at the time of their submission. Bookings may be made by fax or mail provided payment is received by mail prior to the deadline date. Pre-paid accounts can be set up for frequent advertisers. Please call 492-2325 for more information.

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**GREENFIELD** - Spacious five bedroom home, two storey, furnished. Available October 1. \$2,000/month. Janet Jenner Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

**MILL CREEK** - Executive condo, two bedrooms. Large loft, fireplace, large roof terrace, ravine view. Best unit in the building! \$1,500/month. Gorgeous new one bedroom available in same complex. Janet Jenner Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

## ACCOMMODATIONS FOR SALE

**VICTORIA PROPERTIES** - knowledgeable, trustworthy, realtor with Edmonton references. Will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (250) 383-7100, Lois Dutton, Duttons & Co. Ltd.

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**FOR SALE BY OWNER - NO AGENTS** - Hearthstone (Riverbend) condo 135 m2, 3 bedroom end unit in cul-de-sac. Recently completely refurbished. \$145,000. 430-8234.

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ble garage. Beautiful, private yard. Excellent location, handy to U of A. Very desirable neighborhood. Asking \$189,900. Please call Jack Bawden, Royal LePage Noralta, 431-5600 for details or appointment to view.

**SASKATCHEWAN DRIVE** - Spectacular view, 1,721' bungalow, immaculate. \$385,000. Ed Lastiwka, Royal LePage, 431-5600.

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## ACCOMMODATIONS WANTED

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## GOODS FOR SALE

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## SERVICES

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**BACK BASICS** Remedial Massage Therapy. Supplementary Health Care coverage. 436-8059.

**SMART START DAYCARE** on your way to University, by Southgate Mall, 11310 - 51 Avenue, 413-9590. \$450. Subsidy available.

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in the Materials Management Building. The tour will begin with an information session in the third floor (new) conference room and will be followed with a tour of the facility. Please register in one of the following sessions: Tues., Sept. 26, 9:30 a.m. and Wed., Sept. 27, 1:30 p.m. To attend, call Colette at 492-5438 or [colette.sych@ualberta.ca](mailto:colette.sych@ualberta.ca).

## TOASTMASTERS

Did you know that Toastmasters meets on campus? Our goal is to become better speakers, listeners and leaders. You are welcome to come to the Toastmasters meetings in Room 6-52, Heritage Medical Research Centre on Tuesdays between noon and 1 p.m. (We do not meet on Tuesdays following a Monday statutory holiday.) For more information on our club, please e-mail Marg Faryna at [marg.faryna@ualberta.ca](mailto:marg.faryna@ualberta.ca)

## VOLUNTEER OPPORTUNITY

Looking for volunteer experience? Can you spare about two hours of your time a week? You will be volunteering with a disabled gentleman with a positive attitude toward life, someone who enjoys working with people, has a flexible schedule, and is interested in walks, fitness, light sports (catch, football tossing, etc.), card and word games. References will be provided. Call Ralph at 433-4863.

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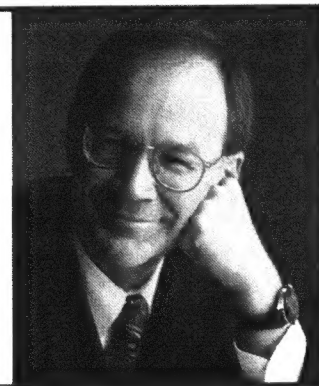
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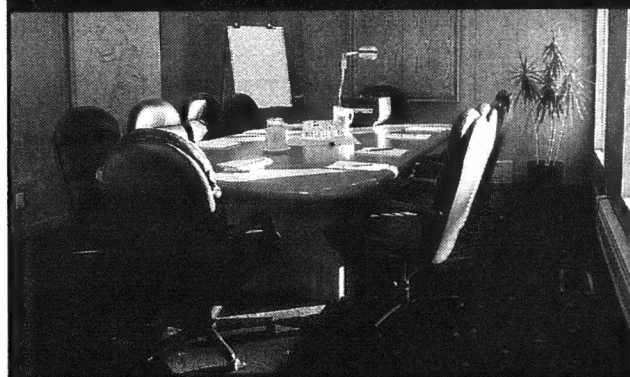
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The Office of Human Rights &  
The APO Learning Implementation Committee are pleased to present:

## "Reasonable Accommodation & the Fair Assessment of Job Requirements"

Guest Lecturer:  
**Maureen Armstrong,**  
Legal Services Branch,  
Canadian Human Rights  
Commission, Ottawa

The Supreme Court of Canada has recently decided two significant cases that will have far-reaching implications for employment practice. Ms. Armstrong will discuss how these decisions have challenged traditional legal thinking about employment policies, job requirements, and the provision of reasonable accommodation in the workplace. Ms. Armstrong will focus on applying the latest jurisprudence within the University of Alberta context.

The session will be of particular interest to supervisors and administrators. People in these positions carry a special responsibility for ensuring that the University's day-to-day employment practices demonstrate a commitment to a work and study environment free of discrimination and harassment.

**Please book your calendar for:**  
**Monday, October 2, 2000**  
**8:30 a.m. registration, coffee, networking**  
**9:00 a.m. - 12:00 p.m.**  
**Location: TBA**

There is no charge for this educational session but we ask that you please register by September 18, 2000 by e-mail only to: [karen.wilson@hrs.ualberta.ca](mailto:karen.wilson@hrs.ualberta.ca)

# notices

Please send notices attention Folio 400 Athabasca Hall, University of Alberta, T6G 2E8 or e-mail [public.affairs@ualberta.ca](mailto:public.affairs@ualberta.ca). Notices should be received by 3 p.m. one week prior to publication.

## FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES

**Application Deadline:** The deadline for receipt of applications to the EFF-FSIDA is Oct. 15, 2000. The next competition deadline dates are Jan. 15 and April 15, 2001. This fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries. Applications and guidelines are available on the University of Alberta International Web site at: [www.international.ualberta.ca](http://www.international.ualberta.ca), under "Overseas Projects and Programs" or from the FSIDA Secretary at University of Alberta International, 2-10 University Hall, phone 492-2844.

## SUPPLY MANAGEMENT SERVICES ORIENTATION

Supply Management Services will hold orientation sessions for all client departments on campus. Please join us for a one hour tour and information session in our newly renovated facility. Take this opportunity to explore the many services offered to assist departments in daily operations. If you have any concerns or suggestions on ways we can serve you better, please bring them along. The sessions will be held

**For complete University of Alberta job listings visit:**  
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# Play time in Thailand

*'In every child is a sparkle  
that comes to life through play'*

By Dr. Jane Vallentyne

*Dr. Jane Vallentyne is an assistant professor of physical education and recreation. She spent one month at an orphanage in Thailand this summer, teaching disadvantaged and disabled children how to play. Here is her story, in her own words.*

As I walked down the long driveway of the Pattaya Orphanage in Thailand, I wondered how I would introduce myself to the children and tell them what I was doing there. I passed a group of preschoolers standing inside an open shelter with their teacher. (I was to learn later that they were on recess—but there was certainly no evidence of play.)

They all greeted me with "Sawasdee" (hello). Moved by this respectful and polite greeting, I bowed in return and said "Sawasdee ka." As I bowed down, a fluorescent ball with a long colourful tail fell out of my bag. Their eyes widened with wonder and excitement. As I bent to pick up the ball, a scoop, a ribbon and a rubber chicken tumbled out. Shrieks of joy and squeals of laughter reverberated throughout the orphanage grounds. That was my introduction. I was there to bring the joy of movement to the children and youth of this orphanage.

Expecting a disheartening scene within the orphanage, I was pleasantly surprised. The children were well-nourished, loved, educated and cared for. I had come to examine how the University of Alberta and the University of Toronto could help round out their development through the physical domain.

A Catholic Church mission started by Father Raymond Brennan in 1970, the Pattaya Orphanage is now home to more than 200 orphans. They range in age from day-old babies to young adults in graduate school. Only those under three have a good prospect for adoption. The others, however, are not to be pitied. They simply get a different kind of family—lots of siblings, plus a nurse, a housemother, a social worker, teachers and a group of nuns.

After I taught a group of children how to juggle with scarves, throw a frisbee or play a game of 4-square, I would look around and see them teaching others and being equally excited by their students' success. How lucky they were to have each other. I wanted this for my children.

Fortunately, the Pattaya Orphanage provides homes and programs or "institutions of hope," as they call them for these special populations, including a school for the deaf, a school for the blind, a vocational school for handicapped young adults, and a home for street kids. It was with these groups that I had the pleasure to work, play and learn.

## MOVEMENT—THE UNIVERSAL LANGUAGE

Enhancing the quality and enjoyment of physical activity in the lives of these children and youth was truly a labour of love. In the baby room (with 55 infants), I had planned to do infant stimulation and baby massage, but every time I picked them up from their cribs, the diapers got priority! I did classes of drama, dance, fundamental movement skills and simple games with the toddlers and pre-school groups. I communicated mostly through movement, such as miming and modeling, and every day the children enlarged my vocabulary. My classes to the hearing-impaired children were exactly the same

as those of the hearing students (since I still only had a vocabulary of about 20 words). Movement truly cuts through all language barriers.

Beginning next summer, Canadian university students will have the opportunity to gain a three credit practicum experience in adapted physical education. They will work seven weeks (seven hours a day, often in 40 degree Celsius weather) with the special populations of the orphanage in physical activity. I went there to teach skills and games, and I returned having learned the meaning of resiliency, hope and the power of the human spirit.

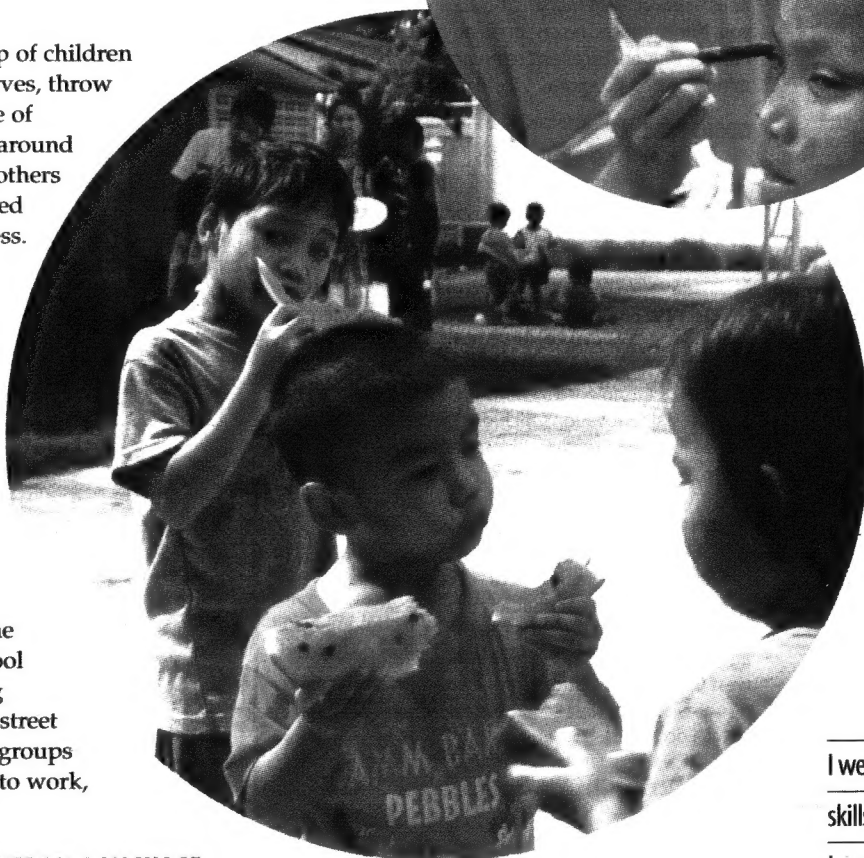
During the four weeks that I had the pleasure to work with these children, I witnessed their confidence growing, their bodies becoming stronger and more expressive, and the sparkle shining brighter in their eyes. Their sparkle ignited my inner flame and fueled it to continue this work of passion.■

View the Pattaya Orphanage Trust Web site at:  
<http://www.pattayaorphanage.org.uk/>

Four weeks of play 'lessons' helped their confidence grow.

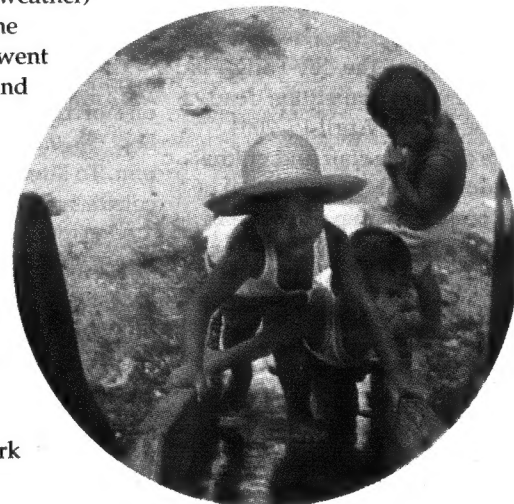


Children at the Pattaya Orphanage:  
'well-nourished, loved and cared for.'



I went there to teach  
skills and games, and  
I returned having learned  
the meaning of resiliency,  
hope and the power of  
the human spirit.

—Dr. Jane Vallentyne



Orphans not adopted get a different family: 'lots of siblings, a nurse, housemother, social worker, teachers and nuns.'

folio **back**  
page